# Yahoo Group Archive: TS-850_450_690 (2001 — 2005)

Yahoo Group summary: Kenwood TS-850_450_690

These Yahoo Groups messages were archived in WARC format by ArchiveTeam in 2017. This PDF was generated by Digital Library of Amateur Radio & Communications from the WARC files in 2026.

Date span: 2001-01-22 through 2005-12-31

Source WARC: ts-850_450_690.3kno5xn.warc.gz

Source item: https://archive.org/details/yahoo-groups-2017-01-01T22-16-07Z-0c2eff

Messages included in this PDF: 4090

Messages omitted as spam from this PDF: 1

Yahoo replaced the domain portions of email addresses with @... in the archived messages. Characters lost in Yahoo's archived text appear as ?.

Messages are presented in ascending Yahoo message-ID order. Gaps indicate records absent from the source WARC or messages omitted from this PDF as spam.

# 1. welcome!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-05-25 09:35:10 UTC
From: Bill Leahy
Topic: 1  Message: 1

WELCOME to dr_019, now that we have at least two members we can post!

Tell me about your self and your hobby interests.

73!

Bill

## 2. 5 members and growing!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-06-11 19:25:55 UTC
From: Bill Leahy
Topic: 2  Message: 2

Hi and welcome to all our new "charter" members to TS-850 group!

It is my hope that this will become a forum for helping us more fully enjoy this fine rig.

With prices on eBay down in the 800's, it's a very affordable way to get to "state of the art" HFing, especially compared to the prices of the new rigs!

Please remember that the "only stupid question is the one that isn't asked", and that each member of the group has much valuable information and insight to share. Let's encourage each other to this end, regardless of our technical or writing abilities.

Let's get started with our posts and questions.

Everyone here is very busy, and we all have a lot of email to check. When replying to a message, please be sure to include just enough of the original message to establish the context of the issue; strip off the rest to save bandwidth and time. And, if you have issue with an individual that shouldn't go to the whole group, be sure to reply directly to them.

I have turned off file attachments to prevent spread of email trojans; if you need to share a file with someone, do it directly, or upload it to our "files" area in the Yahoo group home.

Please see our sister group, Amateur-repairs@... for more general questions regarding all Amateur Radio repair issues. Also you can check out our website, www.amateur-repairs.com, for more information on your list moderator.

73!

Bill and Bonnie Leahy
k0zl, kb0htc

## 3. low voltage

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-06-28 09:52:53 UTC
From: Bill Leahy
Topic: 3  Message: 3

I have found that the '850 works all the way down to about 10.9 volts. then the CW sidetone starts to get a little wierd, and of course the power output is down somewhat. But overall I am pleased with it. We took ours out on it's 6th field day, and our RV battery charge system wasn't working... ended up running QRP and did just fine! Most everyone we called answered first shot.

bill k0zl

## 4. 570 vs. 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-07-23 16:21:33 UTC
From: n0pwz@amsat.org
Topic: 4  Message: 4

I'm confused.
Currently I'm going to be moving my FT-100 to the car and that leaves me without an HF radio in the house. The TS-570 and the TS-850 seem to be about the same price on the used market. Though the 850 is a really great radio, I'm wondering if it is a better buy than the 570. Opinions, pro or con, are appreciated!

Mark Stappenbeck
n0pwz@...

## 5. 570 vs. 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-07-31 00:25:30 UTC
From: n0pwz@amsat.org
Topic: 4  Message: 5

It looks like I'm about ready to find out the difference between these two radios. I'm happy enough with the price, it was used, but I have a feeling that the 850 may make a better base radio than the 570. Does anyone have any pointers on getting along with the 850? Are there any peculiarities about this radio that one should be aware of in maintaining this radio?

I hope this group continues to grow as there seem to be quite a few of these 850's coming onto the used market now. Even guys like me can afford to mess with what promises to be a pretty neat radio.

Regards!
Mark

## 6. RE: [TS-850] 570 vs. 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-07-31 03:06:11 UTC
From: Bill and Bonnie Leahy
Topic: 4  Message: 6

Have owned my 850 for about 5 years now. Great rig. The only ones that seem to sound better are the IC-751 with both narrow filters, and the FT-1000MP with the mechanical filters.

You will have some RFI issues with digital modes if you use AFSK, just be sure to use isolation transformers in the audio lines and you will be fine. The Rigblaster and Rigblaster NOMIC are good for this.

If you intend to run CW-full break in, you will need the sidetone mod that allows you to adjust the CW sidetone from the front panel, rather than from the bottom access cover of the rig. There are at least two versions of this mod; both require a service manual. We can do it at our shop for $45.00 plus $5.50 shipping if you need help with it.

There is a mod to allow the fan to run at full 12 volts, instead of through a dropping resistor, if you want to run full power RTTY or FM, it will help keep the innards cooler.

There is a mod to increase sensitivity on the BC band, as with all other rigs, Kenwood put in a 20 db pad in the RF filter for that band. Wish they would quit doing that. That's what the ATT is for!

I have run my 850 portable on very bad 12v supply (I am in the process of beefing up the always-inadequate 12v wiring in our "new" RV!)... It does great all the way down to 10 volts, gets a little squirrily on break in and VOX operation but just reduce power and you can stay on the air.

I also modified the rig so that the receiver comes through the tuner, that helps sensitivity on ten meters when using the G5RV antenna on field day. May also help reduce intermod from strong out-of-band sigs, not sure if it really does or not, have not experienced that prior to the mod.

I have blown my rig up twice, once with lightning and once with a Henry 2K amp that was miswired (went lookin' for neutral through the rig ground, blew up same components as the lightning, this time it took me only 90 minutes to fix!). Other minor problem is the gas tube arrestor that likes to blow every 3 months... found that the rx antenna input resistance was upwards of 50 kOhms, doesn't take much wind/rain static to build damaging voltages on my wire antennas with 50k ohm ckt! I solved this by paralleling a new gas tube with a pi-wound 1mH choke, and that solved the problem. Gas tube should still fire with lightning strike, choke keeps smaller charges from building.

Display on both rigs hard to see in sunlight, if you are planning outdoor activities it will be a problem for you, otherwise display is very pleasant.

Hope this helps.

bill

B&B Technical Services
5293 Arbutus St.
Arvada, CO 80002-1721
303-424-4858

-----Original Message-----
From: n0pwz@... [mailto:n0pwz@...]
Sent: Monday, July 30, 2001 18:26
To: TS-850@yahoogroups.com
Subject: [TS-850] 570 vs. 850

It looks like I'm about ready to find out the difference between these two radios. I'm happy enough with the price, it was used, but I have a feeling that the 850 may make a better base radio than the 570. Does anyone have any pointers on getting along with the 850? Are there any peculiarities about this radio that one should be aware of in maintaining this radio?

I hope this group continues to grow as there seem to be quite a few of these 850's coming onto the used market now. Even guys like me can afford to mess with what promises to be a pretty neat radio.

Regards!
Mark

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[Non-text portions of this message have been removed]

## 7. Battery Replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-09-12 18:46:01 UTC
From: mlavell1@rochester.rr.com
Topic: 7  Message: 7

The display on the TS-850 has gone dim and it appears to be going through a self-test sequence... continually. I am assuming that the problem is the internal battery.

I bought the the TS-850 new in March of 1994. It has very little transmitting time on it but a lot of listening time.

I have not taken anything apart yet. The manual suggested that the battery replacement be done by an "authorized KENWOOD service facility". I assume that Kenwood is trying to limit it's liability with a statement like that. Perhaps the battery is soldered into the circuit and Kenwood believes that soldering irons are alien to modern hams.

Anyhow, I thought that I would ask for advice BEFORE messing it up. Is the lithium battery readily available? Are there any viable substitutes? If it is soldered-in, do people install battery boxes? Their must be a wealth of information on this subject by now.

Thank you.

Mike, KF2WH

## 8. Re: [TS-850] Battery Replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-09-13 02:16:34 UTC
From: Bill Leahy KOZL
Topic: 7  Message: 8

This battery is a solder-in, and to put in a coin cell
socket may be an unacceptable mod. It won't look real
good in there. The batts should last 5-10 years.

If you need the kenwood part number let me know.

There is some potential for damage to the PCB traces
under the battery, I had a customer ground out a hot
trace and burn it up. Didn't take long to repair, it
was just a blem on the rig.

bill

--- mlavell1@... wrote:
> The display on the TS-850 has gone dim and it
> appears to be going
> through a self-test sequence... continually. I am
> assuming that the
> problem is the internal battery.
>
> I bought the the TS-850 new in March of 1994. It has
> very little
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> with a statement like that. Perhaps the battery is
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> circuit and Kenwood believes that soldering irons
> are alien to modern
> hams.
>
> Anyhow, I thought that I would ask for advice BEFORE
> messing it up.
> Is the lithium battery readily available? Are there
> any viable
> substitutes? If it is soldered-in, do people install
> battery boxes?
> Their must be a wealth of information on this
> subject by now.
>
> Thank you.

>
> Mike, KF2WH
>
>
>
>

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## 9. introduction

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-09-17 23:42:33 UTC
From: jkilgore@io.com
Topic: 9  Message: 9

I just joined the list and thought I would introduce myself. I've been a ham off and on since 1971, and have used a TS-850 as my main rig since 1994. I really like the 850, and I don't plan on getting rid of it for long time. I think it has one of the best receivers around. I use it with a Timewave DSP-59+, which is a great combination. I currently operate mostly PSK31 and some MFSK16 and Hellschreiber, but am going to dust off the key and see if I can remember CW soon.

73,
Jeff, KC1MK

## 10. Re: [TS-850] introduction

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-09-18 18:07:57 UTC
From: Bill Leahy KOZL
Topic: 9  Message: 10

Do you have the cw filters for the 850 yet?

bill k0zl

--- jkilgore@... wrote:
> I just joined the list and thought I would introduce
> myself. I've been
> a ham off and on since 1971, and have used a TS-850
> as my main rig
> since 1994. I really like the 850, and I don't plan
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> it for long time. I think it has one of the best
> receivers around. I
> use it with a Timewave DSP-59+, which is a great
> combination. I
> currently operate mostly PSK31 and some MFSK16 and
> Hellschreiber, but
> am going to dust off the key and see if I can
> remember CW soon.
>
> 73,
> Jeff, KC1MK
>
>

_____
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http://dailynews.yahoo.com/fc/US/Emergency_Information/

## 11. Re: [TS-850] introduction

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-09-19 02:42:51 UTC
From: Jeff Kilgore
Topic: 9  Message: 11

Bill Leahy KOZL wrote:
>
> Do you have the cw filters for the 850 yet?
>

I got the Kenwood 500-Hz 8.83-MHz IF CW filter (along with the Kenwood 1.8-kHz 8.83-MHz IF SSH filter) when I bought the 850 new back in 1994. I have been thinking of adding the INRAD 250-Hz 455-kHz IF CW filter and may do so soon. I haven't operated much CW for several years, but plan on doing so soon.

73,
Jeff, KC1MK

## 12. Re: [TS-850] introduction

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-09-19 05:35:38 UTC
From: Bill Leahy KOZL
Topic: 9  Message: 12

I would recommend getting either the matching K'wood 500 hz filter for the 455khz IF, or getting both the Inrad 8.83 and 455 filters of same bandwidth. Reason being, if the filters are matched bandwidth, the slope tuning will work properly and the shape factor is much improved when the cascaded filters have the same bandwidth.

I have been using the 500hz kenwood filters for years, and have found them to be just fine even under contesting conditions. I can narrow the bandwidth as much as I like with the slope tuning, and have a wider bandwidth when needed to reduce fatique and allow faster copy when conditions not so crowded. Also the 500hz filters work great for RTTY, they are not too narrow for that mode (this may or may not be a consideration for you).

For casual operation, you only need the one filter, I usually keep just one turned on.

Regards!

b
--- Jeff Kilgore <jkilgore@...> wrote:
> Bill Leahy KOZL wrote:
> >
> > Do you have the cw filters for the 850 yet?
> >
>
> I got the Kenwood 500-Hz 8.83-MHz IF CW filter
> (along with the Kenwood
> 1.8-kHz 8.83-MHz IF SSH filter) when I bought the
> 850 new back in 1994.
> I have been thinking of adding the INRAD 250-Hz
> 455-kHz IF CW filter and
> may do so soon. I haven't operated much CW for
> several years, but plan
> on doing so soon.
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> 73,
> Jeff, KC1MK
>

_____
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## 13. static damage

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-09-23 05:36:12 UTC
From: Bill Leahy
Topic: 13  Message: 13

The TS-850 is vulnerable to damage on the push-to-talk ("ss") line, which is externally available at the mic jack and at the back panel ACC connector.

On the SS line are three, DTC124EK surface mount, NPN compound transistors, any of which can "pull" the PTT line (normally 8vdc) to ground to cause the transmit mode to happen. These are in addition to the hard contact on the microphone PTT switch.

If a static charge of sufficient energy is coupled to the SS line from any source, it will cause any or all of these three devices to go "leaky", which will cause the PTT/SS line to go "low" and lock the radio in transmit mode.

Sources of such static are: Lightning, walking across carpet and grabbing the microphone, wind or precip-induced charge on antennas, and a nearby cat purring excessively (hi).

Repairing this situation is not trivial; it involves SMD soldering on both sides of the IF unit. Better to try to prevent the damage.

Touch the side of the radio to dissipate static energy before touching the microphone or any controls. You don't have to go for shiny metal; if you have enough charge built up to damage the rig, it will go right through the paint. And yes, this can even be a problem on a warm summer day! I have drawn 1/2" arcs in my car from simply sliding across the seat (Denver area, where the relative humidity can get down into the single digits).

Use a grounded antenna. Most wire antennas and verticals are not grounded; this with the 50k ohm input impedance at the antenna connector in receive, can allow huge voltages to develop with even moderate wind and rain action. One guy I know puts 1mH pie-wound chokes across all of his antenna connections. I opted to put one inside my rig, across the gas arrestor tube.

Make sure your gas spark arrestor tube is OK. To check, remove the top covers of the rig. Remove the cover over the filter unit, top center unit, behind the fan. Observe a small glass unit right next to the inside of the antenna connector; it should be clear, not hazy or grey or dark inside, and the element inside (looks like an un-marked resistor) should be all black with no line around the middle.

If the tube is bad, replace it with a new one; KDSA301LA from Pacific Coast Parts (Kenwood parts distributor). You don't have to remove the board, just clip the old one out, leave long enough leads to tack-solder in a new one. By the way, when you order these, get two. You

will be using several of these in the life of the rig!

Disconnect antenna and power leads to rig in case of thunderstorms. I have had many rigs come in with lightning damage, "but I had the antennas unhooked!"... the damage was on the PTT line leading to the mic, the audio amp circuit for the speaker, or on GROUND traces on internal PC boards! Lightning can come in via any path, not just antennas.

73

## 14. Smoked during transmit?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-09-26 01:21:58 UTC
From: Tom
Topic: 14  Message: 14

I was on 40 meters talking SSB when I smelled something electrical but nor sure where it was coming from - next thing I knew I was no longer transmitting. NO OUTPUT - NO CURRENT DRAW on trasmit. Something cooked somewhere. I was using a G5RV antenna which has about a 4:1 SWR on 40 but the tuner had a nice match 1.2 to 1 or so and I was getting full output. 20 minutes earlier, I had a 40 meter CW qso no problem. Any idea what could have caused something to burn up ??? Receiver still works fine - whatever happened was in the trasmit side of the rig. 73

## 15. Re: [TS-850] Smoked during transmit?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-09-26 05:49:31 UTC
From: Bill Leahy KOZL
Topic: 14  Message: 15

Tom the PA on the 850 is pretty stout, I am surprised
at this. Be sure your power supply didn't go to 22
volts on ya!!!

There are some base bias resistors on the PA
transistors that may have failed, lift the filter unit
(top center of rig, inside) and do a visual on the PA
board. Look carefully at the low-value 1/2 watt
resistors that are around the finals.

Do you have a service manual yet? I advise ALL '850
owners to get a service manual. Even if you don't use
it, the guy you have fix yer rig may need to borrow it
to faciliate quicker repairs. And you can make notes
in it.

bill
--- Tom <trg46@...> wrote:
> I was on 40 meters talking SSB when I smelled
> something electrical
> but nor sure where it was coming from - next thing I
> knew I was no
> longer transmitting. NO OUTPUT - NO CURRENT DRAW on
> trasmit.
> Something cooked somewhere. I was using a G5RV
> antenna which has
> about a 4:1 SWR on 40 but the tuner had a nice match
> 1.2 to 1 or so
> and I was getting full output. 20 minutes earlier,
> I had a 40 meter
> CW qso no problem. Any idea what could have caused
> something to
> burn up ??? Receiver still works fine - whatever
> happened was in
> the trasmit side of the rig. 73
>
>
>

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## 16. New poll for TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-02 08:41:22 UTC
From: TS-850@yahoogroups.com
Topic: 16  Message: 16

Enter your vote today! A new poll has been created for the
TS-850 group:

Have you are are you experiencing RFI
or "distorted audio" on transmit on
your TS-850?

o Are you using digital modes?
o Are you using AFSK?
o Are you using mic input?
o Are you using a isolation device, such as a "rig blaster" or similar?
o If so, does it work?

To vote, please visit the following web page:

http://groups.yahoo.com/group/TS-850/polls

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

## 17. welcome new member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-14 16:41:28 UTC
From: Bill Leahy
Topic: 17  Message: 17

fip282, welcome to TS850! Why don't you take a minute and hit
"reply" and tell us a bit about yourself and your station.

73

bill

## 18. Poll results for TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-17 01:49:08 UTC
From: TS-850@yahoogroups.com
Topic: 18  Message: 18

The following TS-850 poll is now closed. Here are the
final results:

POLL QUESTION: Have you are are you experiencing RFI
or "distorted audio" on transmit on
your TS-850?

CHOICES AND RESULTS
- Are you using digital modes?, 0 votes, 0.00%
- Are you using AFSK?, 0 votes, 0.00%
- Are you using mic input?, 0 votes, 0.00%
- Are you using a isolation device, such as a "rig blaster" or similar?, 0 votes, 0.00%
- If so, does it work?, 0 votes, 0.00%

For more information about this group, please visit
http://groups.yahoo.com/group/TS-850

For help with Yahoo! Groups, please visit
http://help.yahoo.com/help/us/groups/

## 19. welcome to W5NML, Bud!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-18 16:42:21 UTC
From: Bill Leahy
Topic: 19  Message: 19

Welcome to Bud, W5NML. Thanks for joining TS-850 group on Yahoo.

Why not hit the "reply" button and tell us about yourself, and your station?

thanks and 73!

bill k0zl

## 20. Re: [TS-850] Digest Number 13

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-19 16:29:32 UTC
From: bud Thompson
Topic: 20  Message: 20

Deltona, FL
Friday Oct 19 1230EDT

HI, Group!

This is bud, N0IA [NOVEMBER ZERO INDIA ALPHA]- licensed 50 years ago next February in Parkersburg, WV while still in Junior HS.

My TS 850 runs a Winlink MBO 24/7 and has since September 1992 except for a two month period while we moved from Las Vegas to retire here in Central Florida four years ago.

Present project is putting together three vhf/uhf packet switches (FPAC) to support the Florida Packet network.

73,
bud N0IA

Don't ask how I got W5NML as my ID on Yahoo!!!!! I used to be W5NML a hundred years ago in Oklahoma and typed it in someplace on Yahoo several years ago and can't get rid of it!

----- Original Message -----
From: <TS-850@yahoogroups.com>
To: <TS-850@yahoogroups.com>
Sent: Friday, October 19, 2001 11:01 AM
Subject: [TS-850] Digest Number 13

> THANKS FOR USING TS-850@...
> ------------------------------------------------------------------------
>
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. welcome to W5NML, Bud!
> From: "Bill Leahy" <coorsbill@...>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 1
> Date: Thu, 18 Oct 2001 16:42:21 -0000
> From: "Bill Leahy" <coorsbill@...>
> Subject: welcome to W5NML, Bud!
>

> Welcome to Bud, W5NML. Thanks for joining TS-850 group on Yahoo.
>
> Why not hit the "reply" button and tell us about yourself, and your
> station?
>
> thanks and 73!
>
> bill k0zl
>

## 21. Re: [TS-850] bud!!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-19 17:51:09 UTC
From: Bill Leahy KOZL
Topic: 20  Message: 21

Oh it's you! I kinda thought it was. Welcome!

Well to have a rig in nearly constant service since
1992... that is great! not too many ham rigs can
boast that kind of reliability! Of course, it's got a
good owner that feeds it good DC and keeps its
antennas in good shape, no doubt!

73

bill

--- bud Thompson <budt@...> wrote:
> Deltona, FL
> Friday Oct 19 1230EDT
>
> HI, Group!
>
> This is bud, N0IA [NOVEMBER ZERO INDIA ALPHA]-
> licensed 50 years ago next
> February in Parkersburg, WV while still in Junior
> HS.
>
> My TS 850 runs a Winlink MBO 24/7 and has since
> September 1992 except for a
> two month period while we moved from Las Vegas to
> retire here in Central
> Florida four years ago.
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> Present project is putting together three vhf/uhf
> packet switches (FPAC) to
> support the Florida Packet network.
>
> 73,
> bud N0IA
>
> Don't ask how I got W5NML as my ID on Yahoo!!!!! I
> used to be W5NML a
> hundred years ago in Oklahoma and typed it in
> someplace on Yahoo several
> years ago and can't get rid of it!
>

---------------------------------------------------
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## 22. two FM bandwidths on TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-24 20:07:50 UTC
From: Bill Leahy
Topic: 22  Message: 22

I'll bet you guys didn't know this. I don't think it's in the owner's manual...

In FM mode, you can select either the 6kHz or the 12kHz filter for receiving bandwidth.

Did you know that also switches the TRANSMIT deviation limits? In 12 kHz position, you are running +/- 5kHz deviation on transmit, which is the "standard" narrow-band FM that we also run on VHF and UHF. This is used (and in the U. S. in only legal) above 29.0 Mhz. This is the position normally used on 29.600 and thereabouts for 10M FM mode.

When you switch to the 6kHz receiving filter, it drops the deviation to +/-2.5khz, for "narrow-narrow band" FM! This makes it LEGAL in the US to run FM on any phone band where SSB or AM is permitted! It takes roughly the same bandwidth as AM.

Point of interest, the narrow-narrow bandwidth is also the new commercial standard for U. S. commericial FM two-way. Interesting that the 850 is ready to roll on that mode (although you would need a converter).

so, some time when the bands aren't too crowded, get on with another 850 bud and try narrow-narrow FM on the low bands! I've tried it, and it's a kick. It seemed to generate less intentional QRM, probably because the lids couldn't figure out what it was! Hi...

It should also help reduce selective fade and multipath problems on 10M FM (but again it takes another TS-850 to fully realize the benefits).

I should be available Sunday for sched from mid-US on 75-40-20-10m if anyone wants to try this. I am going to work on a 15M antenna but may not have it done by then.

Have fun!

73

bill

## 23. help ts850 not working

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-28 21:48:21 UTC
From: Stu
Topic: 23  Message: 23

Hi My Call is MM0BSM and hello
I was wondering any of you
have ever came across this problem that I got Yesterday

I was running in the CQWWSSB test this weekend as GM2T on 10m and the radio started to drop power their was a strange smell so I stopped check everything
ANTENNA KT34XA was ok
ALPHA 91B sees ok
VOICE KEYER seems ok
POWER SUPPLY ok
TS850S weird smell and power lost

So after a cpu reset and a test its all ok so reconnect all up again minus Voice keyer and 5mins later same again Try to TX power looks like its going up then falls to ZERO instantly So leave for 5mins connect only radio to dummy load all is ok after 10 mins of keying into load was fine so reconnect and try again into amp antenna and same again

This has me puzzled so to save damage I disconnect 850 and come home. Have you ever came across this problem?
Its very similar to the dc-dc problem but I don't think it is
Maybe something heating up not sure but the smell is very bad also the fan in the radio is working when I TX so that's not the cause
The only thing I can see is on the DC-DC
board where the X59-1100-00 is. Three capacitors look like they had some heat and are a little brown burnt at the tops of them they are
c626 c625 c624 16v 33uf
Could this be my problem?

Also after looking at websites for Ideas I noticed the keying
page to help in hot switching I also wondered if maybe this is a factor to consider as well. I have used the same set up for about 5 years to key the amp. A cable from the remote to foot switch and also to amp the only thing that wasn't the same was the alpha 91b was someone else's and not my usual one

I am frustrated that my radio
isn't working and looking for ideas to help me solve it. Also the ts850 is like one of the family and I am well annoyed at this happening. I hope it can be sorted as I have tried all the other radios like the ft1000d/mp ts870 etc and none are like my TS850
Ok sorry for going on I am awaiting any info you can give to help me solve my problem before I trust one of the uk dealers to repair it

Any help would be great identifying this fault
Stu MM0BSM

## 24. Re: [TS-850] help ts850 not working

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-29 20:02:54 UTC
From: Bill Leahy KOZL
Topic: 23  Message: 24

Stu, inspect the PA board very carefully. Sounds like
something is failing in there. Also change the T/R
relay on the small board on the antenna connector, it
may be burning up.

10M is very hard on rigs, even when NOT using the
internal tuner (which I assume, you are not). First
thing to fail (besides the 10M coil relay in the AT)
is the T/R relay.

Circulating currents on 10M can be very large, even
with low SWR values.

What is the input SWR into your amp on 10M with the
rig tuner off?

bill
--- Stu <samalex@...> wrote:
> Hi My Call is MM0BSM and hello
> I was wondering any of you
> have ever came across this problem that I got
> Yesterday
>
> I was running in the CQWWSSB test this weekend as
> GM2T on 10m and the radio
> started to drop power their was a strange smell so I
> stopped check
> everything
> ANTENNA KT34XA was ok
> ALPHA 91B sees ok
> VOICE KEYER seems ok
> POWER SUPPLY ok
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> So after a cpu reset and a test its all ok so
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> load was fine so reconnect
> and try again into amp antenna and same again
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> This has me puzzled so to save damage I disconnect
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> you ever came across this problem?
> Its very similar to the dc-dc problem but I don't
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> c626 c625 c624 16v 33uf
> Could this be my problem?
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> Also after looking at websites for Ideas I noticed
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> page to help in hot switching I also wondered if
> maybe this is a factor to
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> about 5 years to key the
> amp. A cable from the remote to foot switch and also
> to amp the only thing
> that wasn't the same was the alpha 91b was someone
> else's and not my usual
> one
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> I am frustrated that my radio
> isn't working and looking for ideas to help me solve
> it. Also the ts850 is
> like one of the family and I am well annoyed at this
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> Ok sorry for going on I am awaiting any info you can
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> Any help would be great identifying this fault
> Stu MM0BSM
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## 25. Re: [TS-850] help ts850 not working

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-29 23:25:55 UTC
From: Stu
Topic: 23  Message: 25

Hi Bill the input swr without tuner into the amp was 1.1 the antenna is
great swr on 10m and has a wide bandwidth.
the pa board looks ok no signs of any burnt resistors or that
I think I will try and buy one of the t/r relays and give it a try
going to connect radio up into dummy load and test to see if I get the smell
again with the lid off the radio
thanks for your suggestion will give it a try for sure
Stu MM0BSM
----- Original Message -----
From: "Bill Leahy KOZL" <coorsbill@...>
To: <TS-850@yahoogroups.com>
Sent: Monday, October 29, 2001 8:02 PM
Subject: Re: [TS-850] help ts850 not working

> Stu, inspect the PA board very carefully. Sounds like
> something is failing in there. Also change the T/R
> relay on the small board on the antenna connector, it
> may be burning up.
>
> 10M is very hard on rigs, even when NOT using the
> internal tuner (which I assume, you are not). First
> thing to fail (besides the 10M coil relay in the AT)
> is the T/R relay.
>
> Circulating currents on 10M can be very large, even
> with low SWR values.
>
> What is the input SWR into your amp on 10M with the
> rig tuner off?
>
> bill
> --- Stu <samalex@...> wrote:
> > Hi My Call is MM0BSM and hello
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> > I was running in the CQWWSSB test this weekend as
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> > ANTENNA KT34XA was ok
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> > VOICE KEYER seems ok

> > POWER SUPPLY ok
> > TS850S weird smell and power lost
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> > So after a cpu reset and a test its all ok so
> > reconnect all up again minus
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> > dummy load all is ok after 10 mins of keying into
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>
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## 26. Re: [TS-850] help ts850 not working

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-30 00:12:40 UTC
From: Stu
Topic: 23  Message: 26

Hi again
after connecting all up to dummy load I now get no power out on any band or mode also I don't hear the relay clicking.
When on fm and I tx the radio the sound from the speaker doesn't mute I can hear the noise but a little quieter maybe this is the t/r relay not working
I just hope that's all it is
Does anyone have the part number for this relay? I will try pacific parts for this and maybe get a dc/dc board as well
Stu MM0BSM

Original Message -----
From: "Bill Leahy KOZL" <coorsbill@...>
To: <TS-850@yahoogroups.com>
Sent: Monday, October 29, 2001 8:02 PM
Subject: Re: [TS-850] help ts850 not working

> Stu, inspect the PA board very carefully. Sounds like
> something is failing in there. Also change the T/R
> relay on the small board on the antenna connector, it
> may be burning up.
>
> 10M is very hard on rigs, even when NOT using the
> internal tuner (which I assume, you are not). First
> thing to fail (besides the 10M coil relay in the AT)
> is the T/R relay.
>
> Circulating currents on 10M can be very large, even
> with low SWR values.
>
> What is the input SWR into your amp on 10M with the
> rig tuner off?
>
> bill
> --- Stu <samalex@...> wrote:
> > Hi My Call is MM0BSM and hello
> > I was wondering any of you
> > have ever came across this problem that I got
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> > I was running in the CQWWSSB test this weekend as
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> > Maybe something heating up not sure but the smell is
> > very bad also the fan
> > in the radio is working when I TX so that's not the
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> > The only thing I can see is on the DC-DC
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> > look like they had some
> > heat and are a little brown burnt at the tops of
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> > c626 c625 c624 16v 33uf
> > Could this be my problem?
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## 27. Re: [TS-850] help ts850 not working

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-30 02:57:50 UTC
From: Bill Leahy KOZL
Topic: 23  Message: 27

Stu, the T/R relay on the Filter "B" unit is Kenwood
part number S51-1429-05. I don't think RF Parts will
have that one, only Kenwood.

Also check the DC input connector on the back of the
rig, mine was overheating until I got a new DC cord
and cleaned the connections.

--- Stu <samalex@...> wrote:
> Hi Bill the input swr without tuner into the amp was
> 1.1 the antenna is
> great swr on 10m and has a wide bandwidth.
> the pa board looks ok no signs of any burnt
> resistors or that
> I think I will try and buy one of the t/r relays and
> give it a try
> going to connect radio up into dummy load and test
> to see if I get the smell
> again with the lid off the radio
> thanks for your suggestion will give it a try for
> sure
> Stu MM0BSM
> ----- Original Message -----
> From: "Bill Leahy KOZL" <coorsbill@...>
> To: <TS-850@yahoogroups.com>
> Sent: Monday, October 29, 2001 8:02 PM
> Subject: Re: [TS-850] help ts850 not working
>
>
> > Stu, inspect the PA board very carefully. Sounds
> like
> > something is failing in there. Also change the
> T/R
> > relay on the small board on the antenna connector,
> it
> > may be burning up.
> >
> > 10M is very hard on rigs, even when NOT using the
> > internal tuner (which I assume, you are not).
> First
> > thing to fail (besides the 10M coil relay in the
> AT)
> > is the T/R relay.
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> > Circulating currents on 10M can be very large,

> even
> > with low SWR values.
> >
> > What is the input SWR into your amp on 10M with
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> > rig tuner off?
> >
> > bill
> > --- Stu <samalex@...> wrote:
> > > Hi My Call is MM0BSM and hello
> > > I was wondering any of you
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> > > I was running in the CQWWSSB test this weekend
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> > > So after a cpu reset and a test its all ok so
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## 28. Re: [TS-850] help ts850 not working

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-30 02:59:31 UTC
From: Bill Leahy KOZL
Topic: 23  Message: 28

Stu, now you have a switching problem. On the RF unit, look for the test point pads labled R8 and T8. You should have 8v in the respective modes on these pads. If you don't, or if both are "hot", you have a switching transistor (or 2 or 3) that has failed.

I have an 850 waiting for parts with that very problem.

b

--- Stu <samalex@...> wrote:
> Hi again
> after connecting all up to dummy load I now get no
> power out on any band or
> mode also I don't hear the relay clicking.
> When on fm and I tx the radio the sound from the
> speaker doesn't mute I can
> hear the noise but a little quieter maybe this is
> the t/r relay not working
> I just hope that's all it is
> Does anyone have the part number for this relay? I
> will try pacific parts
> for this and maybe get a dc/dc board as well
> Stu MM0BSM
>
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>
>
>
> Original Message -----
> From: "Bill Leahy KOZL" <coorsbill@...>
> To: <TS-850@yahoogroups.com>
> Sent: Monday, October 29, 2001 8:02 PM
> Subject: Re: [TS-850] help ts850 not working
>
>
> > Stu, inspect the PA board very carefully. Sounds
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> > 10M is very hard on rigs, even when NOT using the

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> > --- Stu <samalex@...> wrote:
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## 29. Re: [TS-850] help ts850 not working

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-30 03:12:09 UTC
From: Stu
Topic: 23  Message: 29

Hi Again (feed up hearing me) after some extensive searching and ideas from some others I have came across the culprit I think it is on the CAR UNIT x50-3140-00 next to the dds ic`s. In front of ic4 a small can on top of a plastic bottom looks like the culprit and also has some melted plastic at the bottom it is marked 47 16v and I think it is an electrolyte of some sort think it may be C1 the positive side goes to IC8 which is a voltage reg AN78N05 could this cause my problems?

Ok have to go to bed its 3.11am and my eyes hurt seeing my radio in bits and tiredness
Stu MM0BSM
----- Original Message -----
From: "Bill Leahy KOZL" <coorsbill@...>
To: <TS-850@yahoogroups.com>
Sent: Monday, October 29, 2001 8:02 PM
Subject: Re: [TS-850] help ts850 not working

> Stu, inspect the PA board very carefully. Sounds like
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> > I was running in the CQWWSSB test this weekend as
> > GM2T on 10m and the radio
> > started to drop power their was a strange smell so I
> > stopped check
> > everything

> > ANTENNA KT34XA was ok
> > ALPHA 91B sees ok
> > VOICE KEYER seems ok
> > POWER SUPPLY ok
> > TS850S weird smell and power lost
> >
> > So after a cpu reset and a test its all ok so
> > reconnect all up again minus
> > Voice keyer and 5mins later same again Try to TX
> > power looks like its going
> > up then falls to ZERO instantly So leave for 5mins
> > connect only radio to
> > dummy load all is ok after 10 mins of keying into
> > load was fine so reconnect
> > and try again into amp antenna and same again
> >
> > This has me puzzled so to save damage I disconnect
> > 850 and come home. Have
> > you ever came across this problem?
> > Its very similar to the dc-dc problem but I don't
> > think it is
> > Maybe something heating up not sure but the smell is
> > very bad also the fan
> > in the radio is working when I TX so that's not the
> > cause
> > The only thing I can see is on the DC-DC
> > board where the X59-1100-00 is. Three capacitors
> > look like they had some
> > heat and are a little brown burnt at the tops of
> > them they are
> > c626 c625 c624 16v 33uf
> > Could this be my problem?
> >
> > Also after looking at websites for Ideas I noticed
> > the keying
> > page to help in hot switching I also wondered if
> > maybe this is a factor to
> > consider as well. I have used the same set up for
> > about 5 years to key the
> > amp. A cable from the remote to foot switch and also
> > to amp the only thing
> > that wasn't the same was the alpha 91b was someone
> > else's and not my usual
> > one
> >
> > I am frustrated that my radio
> > isn't working and looking for ideas to help me solve
> > it. Also the ts850 is
> > like one of the family and I am well annoyed at this
> > happening. I hope it

> > can be sorted as I have tried all the other radios
> > like the ft1000d/mp ts870
> > etc and none are like my TS850
> > Ok sorry for going on I am awaiting any info you can
> > give to help me solve
> > my problem before I trust one of the uk dealers to
> > repair it
> >
> > Any help would be great identifying this fault
> > Stu MM0BSM
> >
> >
> >
> >
>
>
> _____
> Do You Yahoo!?
> Make a great connection at Yahoo! Personals.
> http://personals.yahoo.com
>
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 30. Re: [TS-850] help ts850 not working

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-30 14:44:39 UTC
From: Bill Leahy KOZL
Topic: 23  Message: 30

Stu, no we are not fed up with you at all, that's what
this list is for.

Have you checked your power supply? What is it
putting out under load?

b

--- Stu <samalex@...> wrote:
> Hi Again (feed up hearing me) after some extensive
> searching and ideas from
> some others I have came across the culprit I think
> it is on the CAR UNIT
> x50-3140-00 next to the dds ic`s. In front of ic4 a
> small can on top of a
> plastic bottom looks like the culprit and also has
> some melted plastic at
> the bottom it is marked 47 16v and I think it is an
> electrolyte of some sort
> think it may be C1 the positive side goes to IC8
> which is a voltage reg
> AN78N05 could this cause my problems?
>
> Ok have to go to bed its 3.11am and my eyes hurt
> seeing my radio in bits and
> tiredness
> Stu MM0BSM

---------------------------------------------------
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http://personals.yahoo.com

## 31. Re: [TS-850] help ts850 not working

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-30 17:13:03 UTC
From: Stu
Topic: 23  Message: 31

Hi Bill the supply seems ok but at the time we were running from generator
and I have just been told the generator packed in as well
Never mind that's the joy of radio
I think the repair is too much for me and I will send it to a repair centre
next week and wait for the huge bill.

I tried Kenwood UK but they don't repair radios and gave me a phone number
of someone else who does and they said not to send till next week some
service so looks like I will have a long wait for my radio to be back on my
desk
Thanks for the help

Stu
MM0BSM
----- Original Message -----
From: "Bill Leahy KOZL" <coorsbill@...>
To: <TS-850@yahoogroups.com>
Sent: Tuesday, October 30, 2001 2:44 PM
Subject: Re: [TS-850] help ts850 not working

> Stu, no we are not fed up with you at all, that's what
> this list is for.
>
> Have you checked your power supply? What is it
> putting out under load?
>
> b
>
> --- Stu <samalex@...> wrote:
> > Hi Again (feed up hearing me) after some extensive
> > searching and ideas from
> > some others I have came across the culprit I think
> > it is on the CAR UNIT
> > x50-3140-00 next to the dds ic`s. In front of ic4 a
> > small can on top of a
> > plastic bottom looks like the culprit and also has
> > some melted plastic at
> > the bottom it is marked 47 16v and I think it is an
> > electrolyte of some sort
> > think it may be C1 the positive side goes to IC8
> > which is a voltage reg
> > AN78N05 could this cause my problems?
> >
> > Ok have to go to bed its 3.11am and my eyes hurt
> > seeing my radio in bits and
> > tiredness

> > Stu MM0BSM
>
>
> _____
> Do You Yahoo!?
> Make a great connection at Yahoo! Personals.
> http://personals.yahoo.com
>
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

## 32. Re: [TS-850] help ts850 not working

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-30 20:08:58 UTC
From: Bill Leahy KOZL
Topic: 23  Message: 32

HUGE BILL? Awww come on.... it won't be that bad!

I could fix it for you but we are too far away I
think.

Sorry for all your troubles, Stu. I really think
maybe a power supply problem or bad ground or
something that popped a bunch of things in there.

good luck!

bill

--- Stu <samalex@...> wrote:
> Hi Bill the supply seems ok but at the time we were
> running from generator
> and I have just been told the generator packed in as
> well
> Never mind that's the joy of radio
> I think the repair is too much for me and I will
> send it to a repair centre
> next week and wait for the huge bill.
>
> I tried Kenwood UK but they don't repair radios and
> gave me a phone number
> of someone else who does and they said not to send
> till next week some
> service so looks like I will have a long wait for my
> radio to be back on my
> desk
> Thanks for the help
>
> Stu
> MM0BSM
> ----- Original Message -----
> From: "Bill Leahy KOZL" <coorsbill@...>
> To: <TS-850@yahoogroups.com>
> Sent: Tuesday, October 30, 2001 2:44 PM
> Subject: Re: [TS-850] help ts850 not working
>
>
> > Stu, no we are not fed up with you at all, that's
> what
> > this list is for.
> >
> > Have you checked your power supply? What is it

> > putting out under load?
> >
> > b
> >
> > --- Stu <samalex@...> wrote:
> > > Hi Again (feed up hearing me) after some
> extensive
> > > searching and ideas from
> > > some others I have came across the culprit I
> think
> > > it is on the CAR UNIT
> > > x50-3140-00 next to the dds ic`s. In front of
> ic4 a
> > > small can on top of a
> > > plastic bottom looks like the culprit and also
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> > > some melted plastic at
> > > the bottom it is marked 47 16v and I think it is
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> > > electrolyte of some sort
> > > think it may be C1 the positive side goes to IC8
> > > which is a voltage reg
> > > AN78N05 could this cause my problems?
> > >
> > > Ok have to go to bed its 3.11am and my eyes hurt
> > > seeing my radio in bits and
> > > tiredness
> > > Stu MM0BSM
> >
> >
> > _____
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> > Make a great connection at Yahoo! Personals.
> > http://personals.yahoo.com
> >
> >
> > THANKS FOR USING TS-850@...
> >
> > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> >
> >
> >
>
>

---
Do You Yahoo!?
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http://personals.yahoo.com

## 33. Re: [TS-850] help ts850 not working

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-30 20:30:34 UTC
From: Stu
Topic: 23  Message: 33

Yes just a pity I am in Scotland or you could have sorted it for me. I have heard a few stories of the repair shops in the uk one guy got charged $1.61 for a diode and $175 for labour and $21 for return of the radio a total bill of $197 or ?135 so it was a shock
Maybe it took a long time to find the problem and that's why it was so high who knows but I will keep you informed
The conversation I had with Kenwood uk was a little disappointing he said depending on what it was they may not repair it because of the age of the radio so I just hope the people I phoned will be able to sort it for me if not I will have to look for a new radio and at the moment I cant find anything as good as the ts850 so will have to look for a second hand one at least if it doesn't get repaired I will have some spares.
Ok depression set aside So what radio do you own yourself Bill is it the TS850 and if so how do you compare it with other radios?
Stu
----- Original Message -----
From: "Bill Leahy KOZL" <coorsbill@...>
To: <TS-850@yahoogroups.com>
Sent: Tuesday, October 30, 2001 8:08 PM
Subject: Re: [TS-850] help ts850 not working

> HUGE BILL? Awww come on.... it won't be that bad!
>
> I could fix it for you but we are too far away I
> think.
>
> Sorry for all your troubles, Stu. I really think
> maybe a power supply problem or bad ground or
> something that popped a bunch of things in there.
>
> good luck!
>
> bill
>
> --- Stu <samalex@...> wrote:
> > Hi Bill the supply seems ok but at the time we were
> > running from generator
> > and I have just been told the generator packed in as
> > well
> > Never mind that's the joy of radio
> > I think the repair is too much for me and I will
> > send it to a repair centre
> > next week and wait for the huge bill.
> >
> > I tried Kenwood UK but they don't repair radios and

> > gave me a phone number
> > of someone else who does and they said not to send
> > till next week some
> > service so looks like I will have a long wait for my
> > radio to be back on my
> > desk
> > Thanks for the help
> >
> > Stu
> > MM0BSM
> > ----- Original Message -----
> > From: "Bill Leahy KOZL" <coorsbill@...>
> > To: <TS-850@yahoogroups.com>
> > Sent: Tuesday, October 30, 2001 2:44 PM
> > Subject: Re: [TS-850] help ts850 not working
> >
> >
> > > Stu, no we are not fed up with you at all, that's
> > what
> > > this list is for.
> > >
> > > Have you checked your power supply? What is it
> > > putting out under load?
> > >
> > > b
> > >
> > > --- Stu <samalex@...> wrote:
> > > > Hi Again (feed up hearing me) after some
> > extensive
> > > > searching and ideas from
> > > > some others I have came across the culprit I
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> > > > it is on the CAR UNIT
> > > > x50-3140-00 next to the dds ic`s. In front of
> > ic4 a
> > > > small can on top of a
> > > > plastic bottom looks like the culprit and also
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> > > > some melted plastic at
> > > > the bottom it is marked 47 16v and I think it is
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> > > > electrolyte of some sort
> > > > think it may be C1 the positive side goes to IC8
> > > > which is a voltage reg
> > > > AN78N05 could this cause my problems?
> > > >
> > > > Ok have to go to bed its 3.11am and my eyes hurt
> > > > seeing my radio in bits and
> > > > tiredness
> > > > Stu MM0BSM

> > >
> > >
> > > _____
> > > Do You Yahoo!?
> > > Make a great connection at Yahoo! Personals.
> > > http://personals.yahoo.com
> > >
> > >
> > > THANKS FOR USING TS-850@...
> > >
> > > Your use of Yahoo! Groups is subject to
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>
>
>

# 34. Re: [TS-850] help ts850 not working

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-31 00:43:04 UTC
From: Bill Leahy KOZL
Topic: 23  Message: 34

Stu, I have an 850 and would not trade it for anything
EXCEPT a TS950SD or a newer FT-1000D! hi hi.. that
and about $1000 cash, hi!

anyhow, contact the guy that did the $175.00 repair.
It can be a real bear to find these problems; and if
this was his first one, maybe yours will go faster and
he will charge less! At any rate, something like that
would be at least $135-150 US through our shop, but I
put a 90 day warranty on my work.

The 850 is a great rig. Only a few shortcomings; the
cw sidetone level control is under the rig, needs to
be on the front panel (mine is!). Fan has dropping
resistor to slow it down, I strapped the resistor to
make fan blow harder (I like RTTY!). AM BC band has
20db pad in it (except for mine, I took it out!). And
the display is hard to read out-of-doors (big deal!).

Other than these things I have not found anyway to
make it better. Oh--install the dual filters for
whatever mode you work, you won't be disappointed.

Why can't you get service manual and fix the rig
yourself? They aren't that hard when you have a
guide!!!!

bill

--- Stu <samalex@...> wrote:
> Yes just a pity I am in Scotland or you could have
> sorted it for me. I have
> heard a few stories of the repair shops in the uk
> one guy got charged
> $1.61 for a diode and $175 for labour and $21 for
> return of the radio a
> total bill of $197 or ?135 so it was a shock
> Maybe it took a long time to find the problem and
> that's why it was so high
> who knows but I will keep you informed
> The conversation I had with Kenwood uk was a little
> disappointing he said
> depending on what it was they may not repair it
> because of the age of the
> radio so I just hope the people I phoned will be
> able to sort it for me if

> not I will have to look for a new radio and at the
> moment I cant find
> anything as good as the ts850 so will have to look
> for a second hand one at
> least if it doesn't get repaired I will have some
> spares.
> Ok depression set aside So what radio do you own
> yourself Bill is it the
> TS850 and if so how do you compare it with other
> radios?
> Stu
> ----- Original Message -----
> From: "Bill Leahy KOZL" <coorsbill@...>
> To: <TS-850@yahoogroups.com>
> Sent: Tuesday, October 30, 2001 8:08 PM
> Subject: Re: [TS-850] help ts850 not working
>
>
> > HUGE BILL? Awww come on.... it won't be that bad!
> >
> > I could fix it for you but we are too far away I
> > think.
> >
> > Sorry for all your troubles, Stu. I really think
> > maybe a power supply problem or bad ground or
> > something that popped a bunch of things in there.
> >
> > good luck!
> >
> > bill
> >
> > --- Stu <samalex@...> wrote:
> > > Hi Bill the supply seems ok but at the time we
> were
> > > running from generator
> > > and I have just been told the generator packed
> in as
> > > well
> > > Never mind that's the joy of radio
> > > I think the repair is too much for me and I will
> > > send it to a repair centre
> > > next week and wait for the huge bill.
> > >
> > > I tried Kenwood UK but they don't repair radios
> and
> > > gave me a phone number
> > > of someone else who does and they said not to
> send
> > > till next week some
> > > service so looks like I will have a long wait

> for my
> > > radio to be back on my
> > > desk
> > > Thanks for the help
> > >
> > > Stu
> > > MM0BSM
> > > ----- Original Message -----
> > > From: "Bill Leahy KOZL" <coorsbill@...>
> > > To: <TS-850@yahoogroups.com>
> > > Sent: Tuesday, October 30, 2001 2:44 PM
> > > Subject: Re: [TS-850] help ts850 not working
> > >
> > >
> > > > Stu, no we are not fed up with you at all,
> that's
> > > what
> > > > this list is for.
> > > >
> > > > Have you checked your power supply? What is
> it
> > > > putting out under load?
> > > >
> > > > b
> > > >
> > > > --- Stu <samalex@...> wrote:
> > > > > Hi Again (feed up hearing me) after some
> > > extensive
> > > > > searching and ideas from
> > > > > some others I have came across the culprit I
> > > think
> > > > > it is on the CAR UNIT
> > > > > x50-3140-00 next to the dds ic`s. In front
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> > > > > small can on top of a
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> > > has
> > > > > some melted plastic at
> > > > > the bottom it is marked 47 16v and I think
> it is
> > > an
> > > > > electrolyte of some sort
> > > > > think it may be C1 the positive side goes to
> IC8
> > > > > which is a voltage reg
> > > > > AN78N05 could this cause my problems?
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> > > > > Stu MM0BSM
> > > >
> > > >
> > > >
> _____
> > > > Do You Yahoo!?
> > > > Make a great connection at Yahoo! Personals.
> > > > http://personals.yahoo.com
> > > >
> > > >
> > > > THANKS FOR USING TS-850@...
> > > >
> > > > Your use of Yahoo! Groups is subject to
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Do You Yahoo!?
Make a great connection at Yahoo! Personals.
http://personals.yahoo.com

## 35. Re: [TS-850] help ts850 not working

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-31 01:10:50 UTC
From: Stu
Topic: 23  Message: 35

Hi Bill well I love my ts850 none at present beat it as for the rx its superb i have done the ambc pad mod and I have installed 2 500hz filters and a 270 as I like playing with psk31 as for my next mode of operation that's ssb don't feel the need for any ssb filters with the slope and tune.
I do have the service manual in pdf format and yes it does help but I have no test gear here. As for contest operating the 850 has a few bad points but I got over them
the rit has no zero point for quickness big deal
As for rx on 10m none come close not even the 950 when the bands are empty or full
Ok away to bed early tonight a lot to do in the morning talk later
Stu
----- Original Message -----
From: "Bill Leahy KOZL" <coorsbill@...>
To: <TS-850@yahoogroups.com>
Sent: Wednesday, October 31, 2001 12:43 AM
Subject: Re: [TS-850] help ts850 not working

> Stu, I have an 850 and would not trade it for anything
> EXCEPT a TS950SD or a newer FT-1000D! hi hi.. that
> and about $1000 cash, hi!
>
> anyhow, contact the guy that did the $175.00 repair.
> It can be a real bear to find these problems; and if
> this was his first one, maybe yours will go faster and
> he will charge less! At any rate, something like that
> would be at least $135-150 US through our shop, but I
> put a 90 day warranty on my work.
>
> The 850 is a great rig. Only a few shortcomings; the
> cw sidetone level control is under the rig, needs to
> be on the front panel (mine is!). Fan has dropping
> resistor to slow it down, I strapped the resistor to
> make fan blow harder (I like RTTY!). AM BC band has
> 20db pad in it (except for mine, I took it out!). And
> the display is hard to read out-of-doors (big deal!).
>
> Other than these things I have not found anyway to
> make it better. Oh--install the dual filters for
> whatever mode you work, you won't be disappointed.
>
> Why can't you get service manual and fix the rig
> yourself? They aren't that hard when you have a
> guide!!!!
>

> bill
>
> --- Stu <samalex@...> wrote:
> > Yes just a pity I am in Scotland or you could have
> > sorted it for me. I have
> > heard a few stories of the repair shops in the uk
> > one guy got charged
> > $1.61 for a diode and $175 for labour and $21 for
> > return of the radio a
> > total bill of $197 or ?135 so it was a shock
> > Maybe it took a long time to find the problem and
> > that's why it was so high
> > who knows but I will keep you informed
> > The conversation I had with Kenwood uk was a little
> > disappointing he said
> > depending on what it was they may not repair it
> > because of the age of the
> > radio so I just hope the people I phoned will be
> > able to sort it for me if
> > not I will have to look for a new radio and at the
> > moment I cant find
> > anything as good as the ts850 so will have to look
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> > spares.
> > Ok depression set aside So what radio do you own
> > yourself Bill is it the
> > TS850 and if so how do you compare it with other
> > radios?
> > Stu
> > ----- Original Message -----
> > From: "Bill Leahy KOZL" <coorsbill@...>
> > To: <TS-850@yahoogroups.com>
> > Sent: Tuesday, October 30, 2001 8:08 PM
> > Subject: Re: [TS-850] help ts850 not working
> >
> >
> > > HUGE BILL? Awww come on.... it won't be that bad!
> > >
> > > I could fix it for you but we are too far away I
> > > think.
> > >
> > > Sorry for all your troubles, Stu. I really think
> > > maybe a power supply problem or bad ground or
> > > something that popped a bunch of things in there.
> > >
> > > good luck!
> > >
> > > bill
> > >

> > > --- Stu <samalex@...> wrote:
> > > > Hi Bill the supply seems ok but at the time we
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> > > > > running from generator
> > > > > and I have just been told the generator packed
> > in as
> > > > > well
> > > > > Never mind that's the joy of radio
> > > > > I think the repair is too much for me and I will
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> > > > > next week and wait for the huge bill.
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> > > > > I tried Kenwood UK but they don't repair radios
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> > > > > desk
> > > > > Thanks for the help
> > > > >
> > > > > Stu
> > > > > MM0BSM
> > > > > ----- Original Message -----
> > > > > From: "Bill Leahy KOZL" <coorsbill@...>
> > > > > To: <TS-850@yahoogroups.com>
> > > > > Sent: Tuesday, October 30, 2001 2:44 PM
> > > > > Subject: Re: [TS-850] help ts850 not working
> > > > >
> > > > >
> > > > > > Stu, no we are not fed up with you at all,
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> > > > > what
> > > > > > this list is for.
> > > > > >
> > > > > > Have you checked your power supply? What is
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> > > > > > --- Stu <samalex@...> wrote:
> > > > > > > Hi Again (feed up hearing me) after some
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> > > > > > > some others I have came across the culprit I
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> > > > > > it is on the CAR UNIT
> > > > > > x50-3140-00 next to the dds ic`s. In front
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> > > > ic4 a
> > > > > > small can on top of a
> > > > > > plastic bottom looks like the culprit and
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> > > > has
> > > > > > some melted plastic at
> > > > > > the bottom it is marked 47 16v and I think
> > it is
> > > > an
> > > > > > electrolyte of some sort
> > > > > > think it may be C1 the positive side goes to
> > IC8
> > > > > > which is a voltage reg
> > > > > > AN78N05 could this cause my problems?
> > > > > >
> > > > > > Ok have to go to bed its 3.11am and my eyes
> > hurt
> > > > > > seeing my radio in bits and
> > > > > > tiredness
> > > > > > Stu MM0BSM
> > > > >
> > > > >
> > > > >
> > > _____
> > > > > Do You Yahoo!?
> > > > > Make a great connection at Yahoo! Personals.
> > > > > http://personals.yahoo.com
> > > > >
> > > > >
> > > > > THANKS FOR USING TS-850@...
> > > > >
> > > > > Your use of Yahoo! Groups is subject to
> > > > http://docs.yahoo.com/info/terms/
> > > > >
> > > > >
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> > >
> > >
> > > _____
> > > Do You Yahoo!?
> > > Make a great connection at Yahoo! Personals.
> > > http://personals.yahoo.com
> > >
> > >
> > > THANKS FOR USING TS-850@...

> > >
> > > Your use of Yahoo! Groups is subject to
> > http://docs.yahoo.com/info/terms/
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> ---------------------------------------------------
> Do You Yahoo!?
> Make a great connection at Yahoo! Personals.
> http://personals.yahoo.com
>
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

## 36. Re: [TS-850] help ts850 not working

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-31 17:45:12 UTC
From: Bill Leahy KOZL
Topic: 23  Message: 36

Most of my work on the '850s is done with digital
voltmeter and ohmeter! I use Fluke model 83, but
anything will work.

look at the IF unit, find the pads for r8v and t8v.
They could be labled R8 and T8, not sure. They should
switch cleaning from rx to tx mode. If not, I will
tell you what to change. R31 on the RF unit would be
my first choice, it is an RLS35 and they are notorious
for going leaky, which keeps your tx line bias "on"
during receive. This really confuses the radio!

the RLS35 is a cylindrical, smd pin switch diode, very
small, about 1/4" long and 1/16" dia, there are
several on that board. A 1S1587 can be substituted if
you are careful soldering the leads to the board.
Very much better to order the RLS35 and wait for them
(get about 6, they are cheap).

Keep a lookout for a 1mH pie-wound choke, you will
want to put this across your antenna connector inside
the rig.

73

bill

b

--- Stu <samalex@...> wrote:
> Hi Bill well I love my ts850 none at present beat it
> as for the rx its
> superb i have done the ambc pad mod and I have
> installed 2 500hz filters and
> a 270 as I like playing with psk31 as for my next
> mode of operation that's
> ssb don't feel the need for any ssb filters with the
> slope and tune.
> I do have the service manual in pdf format and yes
> it does help but I have
> no test gear here. As for contest operating the 850
> has a few bad points but
> I got over them
> the rit has no zero point for quickness big deal
> As for rx on 10m none come close not even the 950
> when the bands are empty
> or full

> Ok away to bed early tonight a lot to do in the
> morning talk later
> Stu
> ----- Original Message -----
> From: "Bill Leahy KOZL" <coorsbill@...>

_____
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http://personals.yahoo.com

## 37. Re: [TS-850] help ts850 not working

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-10-31 22:59:31 UTC
From: Stu
Topic: 23  Message: 37

Hi Bill ok will look out my meter and give it a go if i can find it as i
just moved house a few months back and also seen the mod with the 1mH
pie-wound choke will add that as well
Stu MM0BSM
----- Original Message -----
From: "Bill Leahy KOZL" <coorsbill@...>
To: <TS-850@yahoogroups.com>
Sent: Wednesday, October 31, 2001 5:45 PM
Subject: Re: [TS-850] help ts850 not working

> Most of my work on the '850s is done with digital
> voltmeter and ohmeter! I use Fluke model 83, but
> anything will work.
>
> look at the IF unit, find the pads for r8v and t8v.
> They could be labled R8 and T8, not sure. They should
> switch cleaning from rx to tx mode. If not, I will
> tell you what to change. R31 on the RF unit would be
> my first choice, it is an RLS35 and they are notorious
> for going leaky, which keeps your tx line bias "on"
> during receive. This really confuses the radio!
>
> the RLS35 is a cylindrical, smd pin switch diode, very
> small, about 1/4" long and 1/16" dia, there are
> several on that board. A 1S1587 can be substituted if
> you are careful soldering the leads to the board.
> Very much better to order the RLS35 and wait for them
> (get about 6, they are cheap).
>
> Keep a lookout for a 1mH pie-wound choke, you will
> want to put this across your antenna connector inside
> the rig.
>
> 73
>
> bill
>
> b
>
> --- Stu <samalex@...> wrote:
> > Hi Bill well I love my ts850 none at present beat it
> > as for the rx its
> > superb i have done the ambc pad mod and I have
> > installed 2 500hz filters and
> > a 270 as I like playing with psk31 as for my next

> > mode of operation that's
> > ssb don't feel the need for any ssb filters with the
> > slope and tune.
> > I do have the service manual in pdf format and yes
> > it does help but I have
> > no test gear here. As for contest operating the 850
> > has a few bad points but
> > I got over them
> > the rit has no zero point for quickness big deal
> > As for rx on 10m none come close not even the 950
> > when the bands are empty
> > or full
> > Ok away to bed early tonight a lot to do in the
> > morning talk later
> > Stu
> > ----- Original Message -----
> > From: "Bill Leahy KOZL" <coorsbill@...>
>
>
> _____
> Do You Yahoo!?
> Make a great connection at Yahoo! Personals.
> http://personals.yahoo.com
>
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 38. welcome VE7AVV!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-03 15:32:14 UTC
From: Bill Leahy
Topic: 38  Message: 38

Welcome to TS-850 list, I hope we can be of assistance.

73

bill

# 39. TS-850 tx problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-03 15:54:49 UTC
From: VE7AVV (Paul B. Peters)
Topic: 39  Message: 39

I recently replaced the small and inexpensive DC/DC converter board (X59-1100-00) in my 850. Using the wonderful step-by-step instructions from http://www.qsl.net/k0bx, the repair took about 1 hour. For anyone who has done this repair, you'll know that it's the result of experiencing what I have called intermittent transmit. It appears there is a fluctuation on the -6v line causing the board to fail -- but why is my question.

Judging by the comments to other Kenwood lists, I know the failure of this board is relatively common. While I'm delighted to be back on the air, the question that remains unanswered is, why does the DC/DC converter board fail? Is it because of the fluctuating -6v line? If so, why does voltage on this line fluctuate? Can anyone who has actually replaced the DC/DC converter board tell me the root cause of the failure? Is it a weak link in an otherwise strong radio? If so, is replacement of the smd's with discrete components a good modification to ensure long term service?

Lots of questions -- but I would really like to understand what is at the source of the problem. Any and all comments will be appreciated.

73 de Paul, VE7AVV
StoneyGround Station
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
"All email from this address is checked by Norton AntiVirus 2002"

# 40. Re: [TS-850] TS-850 -6v dc-dc converter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-03 22:40:39 UTC
From: Bill Leahy KOZL
Topic: 39  Message: 40

Paul, I am not sure why this fails. I have replaced
mine (and put in 1/2 of a 22 pin IC socket to
facilitate future replacement, and to give me a way of
testing these things)... I suspect it is one or more
of the SMD electrolytic caps, perhaps the ckt is very
picky about their value. Perhaps tantalum caps would
be called for here. I will look into it further as
time permits.

bill

--- "VE7AVV (Paul B. Peters)" <ve7avv@...> wrote:
> I recently replaced the small and inexpensive DC/DC
> converter board
> (X59-1100-00) in my 850. Using the wonderful
> step-by-step instructions from
> http://www.qsl.net/k0bx, the repair took about 1
> hour. For anyone who has
> done this repair, you'll know that it's the result
> of experiencing what I
> have called intermittent transmit. It appears there
> is a fluctuation on
> the -6v line causing the board to fail -- but why is
> my question.
>
> Judging by the comments to other Kenwood lists, I
> know the failure of this
> board is relatively common. While I'm delighted to
> be back on the air, the
> question that remains unanswered is, why does the
> DC/DC converter board
> fail? Is it because of the fluctuating -6v line? If
> so, why does voltage on
> this line fluctuate? Can anyone who has actually
> replaced the DC/DC
> converter board tell me the root cause of the
> failure? Is it a weak link in
> an otherwise strong radio? If so, is replacement of
> the smd's with discrete
> components a good modification to ensure long term
> service?
>
> Lots of questions -- but I would really like to
> understand what is at the
> source of the problem. Any and all comments will be

> appreciated.
>
> 73 de Paul, VE7AVV
> StoneyGround Station
>
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
> "All email from this address is checked by Norton
> AntiVirus 2002"
>
>
>
>
>

---
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# 41. Re: [TS-850] TS-850 -6v dc-dc converter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-03 22:50:56 UTC
From: Stu
Topic: 39  Message: 41

I read an article on this where someone replaced the components rather than the board cant mind where but will see if i can find it in my ts850 folder
Stu
----- Original Message -----
From: "Bill Leahy KOZL" <coorsbill@...>
To: <TS-850@yahoogroups.com>
Sent: Saturday, November 03, 2001 10:40 PM
Subject: Re: [TS-850] TS-850 -6v dc-dc converter

> Paul, I am not sure why this fails. I have replaced
> mine (and put in 1/2 of a 22 pin IC socket to
> facilitate future replacement, and to give me a way of
> testing these things)... I suspect it is one or more
> of the SMD electrolytic caps, perhaps the ckt is very
> picky about their value. Perhaps tantalum caps would
> be called for here. I will look into it further as
> time permits.
>
> bill
>
>
> --- "VE7AVV (Paul B. Peters)" <ve7avv@...> wrote:
> > I recently replaced the small and inexpensive DC/DC
> > converter board
> > (X59-1100-00) in my 850. Using the wonderful
> > step-by-step instructions from
> > http://www.qsl.net/k0bx, the repair took about 1
> > hour. For anyone who has
> > done this repair, you'll know that it's the result
> > of experiencing what I
> > have called intermittent transmit. It appears there
> > is a fluctuation on
> > the -6v line causing the board to fail -- but why is
> > my question.
> >
> > Judging by the comments to other Kenwood lists, I
> > know the failure of this
> > board is relatively common. While I'm delighted to
> > be back on the air, the
> > question that remains unanswered is, why does the
> > DC/DC converter board
> > fail? Is it because of the fluctuating -6v line? If
> > so, why does voltage on
> > this line fluctuate? Can anyone who has actually
> > replaced the DC/DC

> > converter board tell me the root cause of the
> > failure? Is it a weak link in
> > an otherwise strong radio? If so, is replacement of
> > the smd's with discrete
> > components a good modification to ensure long term
> > service?
> >
> > Lots of questions -- but I would really like to
> > understand what is at the
> > source of the problem. Any and all comments will be
> > appreciated.
> >
> > 73 de Paul, VE7AVV
> > StoneyGround Station
> >
> -|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
> > "All email from this address is checked by Norton
> > AntiVirus 2002"
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> _____
> Do You Yahoo!?
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> http://careers.yahoo.com
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 42. overvoltage protection

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-05 02:58:03 UTC
From: David Kepkay
Topic: 42  Message: 42

As a newcomer to the TS 850 and solid state transceivers in general, I was asked by an engineer if it or its power supply, PS 52, had overvoltage protection. By that he means, I believe, is there a circuit in place that will protect the radio/ps should its voltage regulator fail and a voltage surge say 13-20v follow. Apparently some technology has this and others doesn't. There are modules available to install that will offer this protection. I gather he had this happen in a 400 series Kenwood some years ago and designed a "crowbar protection" for his newer 940.
Can anyone answer this because I can't from looking at available schematics.
Many thanks,

David, VE7KET

## 43. Re: [TS-850] overvoltage protection

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-05 16:06:10 UTC
From: Bill Leahy KOZL
Topic: 42  Message: 43

Don't know about the PS-52, probably no protection
there... I use Astron power supplies for the reason
that they come with crowbar circuit that does work.

The rig itself does not have overvoltage protection.

The 940 has 32volt zeners on the 29volt line to the
final and drivers, but by the time they short out, the
damage is done to the drivers. They blow up.

bill

--- David Kepkay <dlkepkay@...> wrote:
> As a newcomer to the TS 850 and solid state
> transceivers in general, I was
> asked by an engineer if it or its power supply, PS
> 52, had overvoltage
> protection. By that he means, I believe, is there a
> circuit in place that
> will protect the radio/ps should its voltage
> regulator fail and a voltage
> surge say 13-20v follow. Apparently some technology
> has this and others
> doesn't. There are modules available to install that
> will offer this
> protection. I gather he had this happen in a 400
> series Kenwood some years
> ago and designed a "crowbar protection" for his
> newer 940.
> Can anyone answer this because I can't from looking
> at available schematics.
> Many thanks,
>
> David, VE7KET
>
>

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# 44. Re: [TS-850] Digest Number 20

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-05 17:02:48 UTC
From: David Kepkay
Topic: 44  Message: 44

TS-850@yahoogroups.com11/5/01 8:36 AM

> Date: Mon, 5 Nov 2001 08:06:10 -0800 (PST)
> From: Bill Leahy KOZL <coorsbill@...>
> Subject: Re: overvoltage protection
>
> Don't know about the PS-52, probably no protection
> there... I use Astron power supplies for the reason
> that they come with crowbar circuit that does work.
>
> The rig itself does not have overvoltage protection.
>
> The 940 has 32volt zeners on the 29volt line to the
> final and drivers, but by the time they short out, the
> damage is done to the drivers. They blow up.
>
> bill

Thanks, Bill.

I forwarded a pdf on the crowbar circuit to you separately.

By way of exploring and learning more, I note that this gentleman believes this to be important, and it sounds like you do also wrt the PS you use. How often do you see this overvoltage damage in the repair shop and is it an expensive repair? Should we all be considering this mod?

David

## 45. Re: [TS-850] Digest Number 20

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-05 18:02:36 UTC
From: Bill Leahy KOZL
Topic: 44  Message: 45

David, I should have read your first message first,
instead of last! Hi...

Thanks again for the PDF, will post it in the "files"
section of the group as well as amateur-repairs group.

I see crowbars active in about half of the Astron
repairs that I do, to the point that the SCR is
shorted and must be replaced. This is good, as it
spares the equipment connected to the power supply.
What usually causes the SCR to fail is a spike of some
kind, either off the line or from lightning-damaged
equipment (many times I have told a customer to
replace his radio, but I was able to save the power
supply!).

Overvoltage damage to radios is quite rare, actually.
I have seen only a handful of cases for 4,500 repairs
or so that I have completed. In the one case of an
Astron that went overvoltage and the crowbar SCR did
NOT work, it only put 22 volts into a TS-180. It blew
a couple of regulator ICs, some series resistors and
the audio amp chip, but that was it!

Other power supplies start out at 28v unregulated...
these are nasty and would have done a lot more damage
to this rig than the Astron, which starts out at 22v
unregulated. The Astron has a separate 40vdc supply
for the 723 regulator chip.

As for crowbars, I just run Astrons on my stuff and a
good surge arrestor on the input AC line.

bill

--- David Kepkay <dlkepkay@...> wrote:
> TS-850@yahoogroups.com11/5/01 8:36 AM
> I forwarded a pdf on the crowbar circuit to you
> separately.
>
> By way of exploring and learning more, I note that
> this gentleman believes
> this to be important, and it sounds like you do also
> wrt the PS you use. How
> often do you see this overvoltage damage in the
> repair shop and is it an
> expensive repair? Should we all be considering this

> mod?
>
> David
>
>

---
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# 46. Re: [TS-850] Digest Number 20

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-06 05:32:23 UTC
From: David Kepkay
Topic: 44  Message: 46

By the way, while I pursue this overvoltage stuff further...is there a good site to download the schematics for the 850 and also the PS52 supply so I can send them to my newfound engineer friend!

Thanks, David VE7KET

## 47. (no subject)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-06 10:06:51 UTC
From: Stu
Topic: 47  Message: 47

I have several files on my pc in pdf format for the ts850 your welcome to
have them I think in total maybe 5mb drop me a mail and I will send them if
you require them
Stu MM0BSM

=By the way, while I pursue this overvoltage stuff further...is there a good
-site to download the schematics for the 850 and also the PS52 supply so I
-can send them to my newfound engineer friend!
-
-Thanks, David VE7KET

## 48. Re: [TS-850]

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-06 22:40:48 UTC
From: Bill Leahy KOZL
Topic: 47  Message: 48

Thanks, Stu, but I have the service manual...
Appreciate the kind offer!

Bill

--- Stu <samalex@...> wrote:
> I have several files on my pc in pdf format for the
> ts850 your welcome to
> have them I think in total maybe 5mb drop me a mail
> and I will send them if
> you require them
> Stu MM0BSM
>
>
> =By the way, while I pursue this overvoltage stuff
> further...is there a good
> -site to download the schematics for the 850 and
> also the PS52 supply so I
> -can send them to my newfound engineer friend!
> -
> -Thanks, David VE7KET
>
>
>

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## 49. IF232-c

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-10 21:49:07 UTC
From: Pete Walker
Topic: 49  Message: 49

Hello All

Iam looking to chat with anyone who can explain how to set up the IF232c and an 850. I hope to start running Turbolog soon with the above equipment, is there someone out there running it sucessfully now ???

Cheers

Pete

# 50. Re: [TS-850] IF232-c

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-11 14:10:27 UTC
From: Bill Leahy KOZL
Topic: 49  Message: 50

Hi Pete, I have not tried this yet. Any other TS-850
users that are computerized, that can help Pete,
please?

thanks and 73!

bill
--- Pete Walker <pete@...> wrote:
> Hello All
>
> Iam looking to chat with anyone who can explain how
> to set up the IF232c and
> an 850. I hope to start running Turbolog soon with
> the above equipment, is
> there someone out there running it sucessfully now
> ???
>
> Cheers
>
> Pete
>
>

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# 51. New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-11 19:03:57 UTC
From: TS-850@yahoogroups.com
Topic: 51  Message: 51

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850
group.

File : /TS850_ctrl.jpg
Uploaded by : ve7avv@...
Description : Simple TS-850 computer interface cable

You can access this file at the URL

http://groups.yahoo.com/group/TS-850/files/TS850_ctrl.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ve7avv@...

## 52. New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-11 19:04:55 UTC
From: TS-850@yahoogroups.com
Topic: 51  Message: 52

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850
group.

File : /max232ctrl.jpg
Uploaded by : ve7avv@...
Description : Computer interface using a MAX232 chip

You can access this file at the URL

http://groups.yahoo.com/group/TS-850/files/max232ctrl.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ve7avv@...

## 53. New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-11 19:05:45 UTC
From: TS-850@yahoogroups.com
Topic: 51  Message: 53

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850
group.

File : /max232_details.jpg
Uploaded by : ve7avv@...
Description : Details on using the Max232 chip

You can access this file at the URL

http://groups.yahoo.com/group/TS-850/files/max232_details.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ve7avv@...

# 54. New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-11 19:07:55 UTC
From: TS-850@yahoogroups.com
Topic: 51  Message: 54

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850
group.

File : /YPLog.jpg
Uploaded by : ve7avv@...
Description : What you see using computer interface and YPLog

You can access this file at the URL

http://groups.yahoo.com/group/TS-850/files/YPLog.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ve7avv@...

# 55. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-11 19:08:24 UTC
From: Bill Leahy KOZL
Topic: 51  Message: 55

Wow some cool stuff from VE7AVV, thanks very much! I
am sure these files will be very useful!

73

bill

--- TS-850@yahoogroups.com wrote:
>
> Hello,
>
> This email message is a notification to let you know
> that
> a file has been uploaded to the Files area of the
> TS-850
> group.

_____
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# 56. TS850 computer interface information

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-11 19:12:53 UTC
From: ve7avv@shaw.ca
Topic: 56  Message: 56

In response to a recent post regarding a computer interface for the 850, I have uploaded several files for your enjoyment.

While you can use the pricey Kenwood IF-232 interface or a variety of other pre-built options, building a computer interface for the TS-850 is one of the simplest (and cheapest) tasks you could imagine. I have been running a homebrew cable for about a year now and the system works flawlessly. See Files area for TS-850_crtl.jpg file... this is waht I use.

I use Logger for all my everyday logging needs and this interface delivers all relevant radio data to the computer. I have also uploaded a screen shot of the interface using YPLog.

This weekend I'm running in the JA International DX contest and the interface works great with TRLog as well... allowing full band switching as a by-product.

73 de Paul, VE7AVV
StoneyGround Station
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-

# 57. Re: [TS-850] TS850 computer interface information

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-11 19:24:51 UTC
From: Bill Leahy KOZL
Topic: 56  Message: 57

Paul that was a cool screen shot. We need more stuff
like that. There are so many things to try, we could
waste a lot of effort trying stuff that doesn't work.
It's great to have some place to start. We really
appreciate your posts and file uploads, thanks...
73

--- ve7avv@... wrote:
> In response to a recent post regarding a computer
> interface for the
> 850, I have uploaded several files for your
> enjoyment.
>
> While you can use the pricey Kenwood IF-232
> interface or a variety of
> other pre-built options, building a computer
> interface for the TS-850
> is one of the simplest (and cheapest) tasks you
> could imagine. I have
> been running a homebrew cable for about a year now
> and the system
> works flawlessly. See Files area for TS-850_crtl.jpg
> file... this is
> waht I use.
>
> I use Logger for all my everyday logging needs and
> this interface
> delivers all relevant radio data to the computer. I
> have also
> uploaded a screen shot of the interface using YPLog.
>
>
> This weekend I'm running in the JA International DX
> contest and the
> interface works great with TRLog as well... allowing
> full band
> switching as a by-product.
>
> 73 de Paul, VE7AVV
> StoneyGround Station
>
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
>
>

---
Do You Yahoo!?
Find a job, post your resume.
http://careers.yahoo.com

# 58. [TS-850] IF232-c

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-12 04:12:26 UTC
From: A.Barbetta Jr N8RKA
Topic: 49  Message: 58

Can anyone tell me where I can find some good software to work the
IF232C .I have this for my TS-850 ...One good radio ...
Thank You Art N8RKA

If you have a problem, wait a day or two before you write and try to
Find a solution yourself first ask your 12-year old kid who is a
Computers crack DF3CB

# 59. New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-12 17:58:04 UTC
From: TS-850@yahoogroups.com
Topic: 51  Message: 59

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850
group.

File : /Logger5.jpg
Uploaded by : ve7avv@...
Description : Logger screen shot showing computer ctrl features

You can access this file at the URL

http://groups.yahoo.com/group/TS-850/files/Logger5.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ve7avv@...

# 60. New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-12 17:58:43 UTC
From: TS-850@yahoogroups.com
Topic: 51  Message: 60

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850
group.

File : /Logger4.jpg
Uploaded by : ve7avv@...
Description : TS-850 hex data from radio

You can access this file at the URL

http://groups.yahoo.com/group/TS-850/files/Logger4.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ve7avv@...

# 61. New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-12 18:00:41 UTC
From: TS-850@yahoogroups.com
Topic: 51  Message: 61

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850
group.

File : /Logger3.jpg
Uploaded by : ve7avv@...
Description : Capturing a frequency from the cluster

You can access this file at the URL

http://groups.yahoo.com/group/TS-850/files/Logger3.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ve7avv@...

# 62. More TS-850 computer interface information

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-12 18:22:46 UTC
From: VE7AVV (Paul B. Peters)
Topic: 62  Message: 62

In response to additional questions about programs that can be used when you have computer control enabled with a TS-850, I have loaded 3 additional images to the group files area. I apologize for the file size, but I wanted you to be able to enjoy the image in near screen size... it's a great deal of on-screen information.

A few words of explanation to accompany the files:

All screen shots are taken from the (free) logging program Logger.

In the Logger5.jpg image you can see the entire on screen image including the data entry screen, a portion of my log book, the cluster (in two windows), the built-in DVK... yes it works great with a RigBlaster or other sound card interface and my dual window clock.

In the Logger4.jpg image you can see the data exchange window. Normally you would not have this window open while running the program... it's really for test purposes to ensure the data exchange between the 850 and the computer is operating as it should be... constantly refreshing itself. The data is hexadecimal format and you can see the frequency in the logbook window (28429.99) is the same as shown in the radio data window.

In the Logger3.jpg image you can see SK4UW in the logbook window and at the bottom of the DX Cluster window. With computer control, you simply click on the call in the DX Cluster window and it is transferred to your logbook window... then, if you can hear the station, you work it and the rest is just history.

I've been using the Logger program for a couple of years now and have at the same time looked at all the other computer logging programs in the marketplace. On a strictly feature-by-feature basis, I have not found anything that equals Logger, it's a great program!

You can download the Logger program from http://www.ve9dx.com/. Logger was written by Bob, K4CY/N6BFM/9K2ZZ

73 de Paul, VE7AVV
StoneyGround Station
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
"All email from this address is checked by Norton AntiVirus 2002"

# 63. Building the simple computer interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-13 05:51:42 UTC
From: VE7AVV (Paul B. Peters)
Topic: 63  Message: 63

One thing that I forgot to mention regarding the simple computer interface (TS850_ctrl.jpg located in the uploaded files) was the entire circuit is built into the shell of a DB25 computer plug. I used a mil-spec quality plastic shell DB25 plug and the two parts (diode and resistor) plus required jumper wiring fit nicely with room to spare. As you probably know, when you buy a DB25 plug, it comes in pieces... so you have loads of room to work assembling your $5.00 interface. Be sure you use good quality shielded (multi-conductor) cable to run from your computer to the ACC1 plug on your TS-850.

With a little time and not much effort you'll have the interface up and running. Please bear in mind, this is close to... but not an exact science by any means. Each computer to radio connection has its own local idiosyncrasies, please be patient with the process. It is not difficult.

One last item. if you want to read an interesting article... albeit a bit dated now, concerning station computerization, look at QST, March 1995, p.63.

73 de Paul, VE7AVV
StoneyGround Station
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
"All email from this address is checked by Norton AntiVirus 2002"

# 64. Re: THANKS for your posts, Paul!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-17 14:58:28 UTC
From: Bill Leahy
Topic: 63  Message: 64

Paul, thanks so much for your posts. I do want to put my 850 on computer control. This will happen after I do some re-arranging of the shack to accomodate my wife's new home-based computer job!

We do so much appreciate the work that you have put into your posts, the screen shots of the software that you use (see FILES section in the yahoo group TS-850). This information will reside in the archived messages that you have sent so that all may benefit even if they join the group later!

Thanks again for your efforts, they are very much appreciated.

bill k0zl
denver, co

--- In TS-850@y..., "VE7AVV (Paul B. Peters)" <ve7avv@s...> wrote:
> One thing that I forgot to mention regarding the simple computer interface
> (TS850_ctrl.jpg located in the uploaded files) was the entire circuit is
> built into the shell of a DB25 computer plug. I used a mil-spec quality
> plastic shell DB25 plug and the two parts (diode and resistor) plus required
> jumper wiring fit nicely with room to spare. As you probably know, when you
> buy a DB25 plug, it comes in pieces... so you have loads of room to work
> assembling your $5.00 interface. Be sure you use good quality shielded
> (multi-conductor) cable to run from your computer to the ACC1 plug on your
> TS-850.
>
> With a little time and not much effort you'll have the interface up and
> running. Please bear in mind, this is close to... but not an exact science
> by any means. Each computer to radio connection has its own local
> idiosyncrasies, please be patient with the process. It is not difficult.
>
> One last item. if you want to read an interesting article... albeit a bit
> dated now, concerning station computerization, look at QST, March 1995,

> p.63.
>
> 73 de Paul, VE7AVV
> StoneyGround Station
> -|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
> "All email from this address is checked by Norton AntiVirus 2002"

# 65. Wanted DRU-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-11-28 22:52:05 UTC
From: Tom
Topic: 65  Message: 65

Looking for the digital recording unit for the 850 DRU-2

# 66. Re: Wanted DRU-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-12-05 19:39:39 UTC
From: coorsbill
Topic: 65  Message: 66

Tom did you ever get a reply on this?

b

--- In TS-850@y..., "Tom " <trg46@y...> wrote:
> Looking for the digital recording unit for the 850 DRU-2

# 67. RE: Welcome to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-12-24 18:07:31 UTC
From: Federico Batarse
Topic: 67  Message: 67

hi, this is federico, xe2nlm, i have had my ts-850s since 1992, and i feel
i have had one of the better hf radio made it until 2000.

right now i have experience almost everything. i have use it for cw, ssb,
paquet, sstv, new digital modes (psk31) etc. i use it as a stand alone, and
also linked to the computer, with direfents softwares.

i would like to have the sm-230, and also the digital recorder.
i have 1 extra filter the yk-88sn-1
i use it with my a3s, and 40 mts dipole and i will try the 160 mts dipole

tnks for making a ts-850 group.

please receive regards and 73

federico batarse

----- Original Message -----
From: TS-850 Moderator <TS-850-owner@yahoogroups.com>
To: <fbatarse@...>
Sent: Monday, December 24, 2001 10:22 AM
Subject: Welcome to TS-850

>
> Hi, and welcome to our TS-850 discussion group!
>
> It is my hope that this will become a forum for helping us more fully
enjoy this fine rig.
>
> With prices on eBay down in the 800's, it's a very affordable way to get
to "state of the art" HFing, especially compared to the prices of the new
rigs!
>
> Please remember that the "only stupid question is the one that isn't
asked", and that each member of the group has much valuable information and
insight to share. Let's encourage each other to this end, regardless of our
technical or writing abilities.
>
> Let's get started with our posts and questions.
>
> A FEW SUGGESTIONS
> Everyone here is very busy, and we all have a lot of email to check. When
replying to a message, please be sure to include just enough of the original
message to establish the context of the issue; strip off the rest to save
bandwidth and time. And, if you have issue with an individual that
shouldn't go to the whole group, be sure to reply directly to them.
>

> FOR YOUR SAFETY
> I have turned off file attachments to prevent spread of email trojans; if you need to share a file with someone, do it directly, or upload it to our "files" area in the Yahoo group home.
>
> OTHER JUNQUE
> Please see our sister group, Amateur-repairs@... for more general questions regarding all Amateur Radio repair issues. Also you can check out our website, www.amateur-repairs.com, for more information on your list moderator.
>
> MAINTAINING YOUR ACCOUNT
> To start sending messages to members of this group,
> simply send email to TS-850@yahoogroups.com
>
> UNSUBSCRIBING (HEAVEN FORBID)
> If you do not wish to belong to TS-850, you may
> unsubscribe by sending an email to TS-850-unsubscribe@yahoogroups.com You may also visit the Yahoo! Groups web site to modify your
> subscriptions. Navigate to http://groups.yahoo.com/, login, click on the group on the left, then click on Leave Group on the right side of the screen. We would hate to loose you, please send me an email telling me how to improve the group to make it better.
>
> If you need to reduce your email volume, or stop it for vacations, navigate as above but click on Edit My Membership on the right side. Then, under Message Delivery, you can select Daily Digest (this will only help if we have more than one message a day!) or No Email. This will stop emails altogether. You can catch up by reading the messages at the group site. Don't forget to turn it back on when you get home!
>
> 73!
>
> Bill and Bonnie Leahy
> k0zl, kb0htc
> Denver, Colorado
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>
>
>
>

## 68. DRU-3 same as DRU-2?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-12-27 16:42:29 UTC
From: vtnn43e@aol.com
Topic: 68  Message: 68

I would like to get a DRU-2 for my 850 but know that they are discontinued. Does anyone out there know if the DRU-3 is the same as the DRU-2?
Any info on this will be greatly appreciated.

Thanks
Zack Schindler
N8FNR

## 69. email etiquette

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-01-03 00:55:35 UTC
From: coorsbill
Topic: 69  Message: 69

I didn't even know HOW to spell "etiquette", now I are one! hehehe

Some good advice here, maybe not all applies to our informal group
but some good advice anyway...

http://www.emailreplies.com/

73!

Bill

# 70. Filter question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-01-07 01:59:15 UTC
From: trg46
Topic: 70  Message: 70

Is the YG455S-1 filter a good option to obtain for the 850??? I believe it is a 2.4 kc crystal filter for the 455kc slot. I am still using the stock xcvr with ceramic 455kc 2.7kc filter. Comments welcome.

# 71. Re: [TS-850] Filter question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-01-07 15:09:02 UTC
From: Bill Leahy KOZL
Topic: 70  Message: 71

The stock filters on the '850 are crystal filters, i
believe. When you put both of them in the line (8.8
and 455 both read "2.7"), you have a bandwidth of 2.4
already with a better shape factor than you would get
with the additional 2.4.

If you "gang" a 2.4 with a 2.7, there will be no
appreciable difference in shape factor than if the 2.4
was running by itself.

I don't think you will see any advantage unless you
change BOTH 455 and 8.8 filters to 2.4. That would be
a hot contest setup for sure.

I haven't found need of it, but I am not phone
contester. I like WIDE audio even on SSB, but I do
have both 500hz filters for CW and that is awesome!

b
--- trg46 <trg46@...> wrote:
> Is the YG455S-1 filter a good option to obtain for
> the 850??? I
> believe it is a 2.4 kc crystal filter for the 455kc
> slot. I am still
> using the stock xcvr with ceramic 455kc 2.7kc
> filter. Comments
> welcome.
>
>

_____
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# 72. Re: [TS-850] Filter question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-01-07 15:21:42 UTC
From: Stu
Topic: 70  Message: 72

Have to agree with Bill on his comments

I like ssb and have done a few ssb contests at to be honest the standard set up is ample however if you do want narrow ssb I would suggest the narrow ssb filter in the 8.8 slot think its a 1.7khz cant mind and my radio is away at the moment.

I did notice a difference with the narrow but I like the standard filters better.
also leaves options for more filters in the cw / psk31 modes

I have also filters that I swap from time to time and they are the 500hz or 270hz for the 8.8 selection and I have the 500hz in the 455 selection

so their is a few options
Stu MM0BSM

# 73. Re: [TS-850] Filter question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-01-07 18:09:43 UTC
From: Jeff Kilgore
Topic: 70  Message: 73

FWIW, I switched to several International Radio filters in my TS-850 recently, and am very pleased with them. I did have the optional Kenwood 1.8-kHz SSB and 500-Hz CW filters in the 8.83-MHz IF, and switched to the INRAD 2.1-kHz SSB and 400-Hz CW filters in the 8.83-MHz IF and the INRAD 400-Hz CW filter in the 455-kHz IF.

While the optional Kenwood filters were very useful, the INRAD filters work much better. The audio with the INRAD 2.1-kHz filter was more pleasant to listen to than with the Kenwood 1.8-kHz filter, while at the same time actually providing better rejection of QRM, especially in contesting conditions.

The dual INRAD 400-Hz filters are excellent. With the slope tuning wide open, they are great for everyday operation and tuning around during a contest. If needed, they narrow down very nicely with the slope tuning.

I was half considering replacing my TS-850 with a newer rig, but after installing the INRAD filters, there's no way it's going anywhere. No connection to International Radio, just a satisfied customer.

73,
Jeff, KC1MK

## 74. Re: [TS-850] Filter question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-01-07 20:44:09 UTC
From: Bill Leahy KOZL
Topic: 70  Message: 74

I have had very good experiences with INRAD filters,
starting with their 400hz filter for the FT-101.
AFter I put that in, I HAD to fix the drift problem!
har...

I would like to try the 400hz filters, if I get
serious about CW again. For now the stock filters are
fine, and the two 500 hz filters are almost too narrow
for RTTY/Baudot mode... I actually have to drop the
high end slope control down two notches, which reduces
the slope factor a little, to get it to read very weak
sigs.

b

--- Jeff Kilgore <jkilgore@...> wrote:
> FWIW, I switched to several International Radio
> filters in my TS-850
> recently, and am very pleased with them. I did have
> the optional Kenwood
> 1.8-kHz SSB and 500-Hz CW filters in the 8.83-MHz
> IF, and switched to
> the INRAD 2.1-kHz SSB and 400-Hz CW filters in the
> 8.83-MHz IF and the
> INRAD 400-Hz CW filter in the 455-kHz IF.
>
> While the optional Kenwood filters were very useful,
> the INRAD filters
> work much better. The audio with the INRAD 2.1-kHz
> filter was more
> pleasant to listen to than with the Kenwood 1.8-kHz
> filter, while at the
> same time actually providing better rejection of
> QRM, especially in
> contesting conditions.
>
> The dual INRAD 400-Hz filters are excellent. With
> the slope tuning wide
> open, they are great for everyday operation and
> tuning around during a
> contest. If needed, they narrow down very nicely
> with the slope tuning.
>
> I was half considering replacing my TS-850 with a
> newer rig, but after
> installing the INRAD filters, there's no way it's

> going anywhere. No
> connection to International Radio, just a satisfied
> customer.
>
> 73,
> Jeff, KC1MK
>

_____
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# 75. AM/FM high pitch tone in TX modulation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-01-12 22:49:10 UTC
From: kp4rs
Topic: 75  Message: 75

Hi, great site!!! I have recently purchase an used TS 850. It has 3 problems. 1st it transmits a tone (@ 5khz) together with AM and FM carrier (It is faint around 10% mod on AM) I think is a problem in the IF, but maybe some knows what it is ( no need to reinvent the wheel). 2nd problem is the same tone can be faintly heard on AM stations during rx but I get rid of it using the SLOPE TUNE. 3rd problem is that the MONITOR function doesn't work. No audio at all, and is not a side tone adjustment. Any assistance is greatly appreciated.

Joe

# 76. Re: [TS-850] AM/FM high pitch tone in TX modulation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-01-13 00:06:11 UTC
From: Bill Leahy KOZL
Topic: 75  Message: 76

Thanks. Hope the group is helpful to you.

Most problems like this are caused by a leaky or bad
diode D31 in the RF unit. It is a type RLS-135 smd
diode. If you have a service manual you can find this
part and replace it. It is usually caused by a nearby
lighting hit or static build-up on the antenna.

If you feel that you cannot repair this, feel free to
contact us, information is at www.amateur-repairs.com.

After it's repaired, you can parallel the antenna
connector with a 1mHy choke, to bleed off harmful
static that can accumulate on any non-grounded antenna
(1/4 wave verticals, dipoles, etc).

73

bill

--- kp4rs <kp4rs@...> wrote:
> Hi, great site!!! I have recently purchase an used
> TS 850. It has 3
> problems. 1st it transmits a tone (@ 5khz) together
> with AM and FM
> carrier (It is faint around 10% mod on AM) I think
> is a problem in
> the IF, but maybe some knows what it is ( no need to
> reinvent the
> wheel). 2nd problem is the same tone can be faintly
> heard on AM
> stations during rx but I get rid of it using the
> SLOPE TUNE. 3rd
> problem is that the MONITOR function doesn't work.
> No audio at all,
> and is not a side tone adjustment. Any assistance is
> greatly
> appreciated.
>
> Joe
>
>

=====
Rev 3:20 "Behold, I stand at the door and knock; if anyone hears My voice and opens the door, I will come in to him and will dine with him, and he with Me.
Gal 2:20 "I have been crucified with Christ; and it is no longer I who live, but Christ

lives in me; and the life which I now live in the flesh I live by faith in the Son of God, who loved me and gave Himself up for me."
John 14:6 "I am the way, and the truth, and the life; no one comes to the Father but through Me.

_____
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# 77. RE: [TS-850] AM/FM high pitch tone in TX modulation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-01-12 23:37:43 UTC
From: Federico Batarse
Topic: 75  Message: 77

there is a moni buton and a moni volumen, do you alredy use them?
regards
federico

----- Original Message -----
From: kp4rs <kp4rs@...>
To: <TS-850@yahoogroups.com>
Sent: Saturday, January 12, 2002 4:49 PM
Subject: [TS-850] AM/FM high pitch tone in TX modulation

> Hi, great site!!! I have recently purchase an used TS 850. It has 3
> problems. 1st it transmits a tone (@ 5khz) together with AM and FM
> carrier (It is faint around 10% mod on AM) I think is a problem in
> the IF, but maybe some knows what it is ( no need to reinvent the
> wheel). 2nd problem is the same tone can be faintly heard on AM
> stations during rx but I get rid of it using the SLOPE TUNE. 3rd
> problem is that the MONITOR function doesn't work. No audio at all,
> and is not a side tone adjustment. Any assistance is greatly
> appreciated.
>
> Joe
>
>
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 78. RE: [TS-850] AM/FM high pitch tone in TX modulation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-01-14 14:33:26 UTC
From: Bill Leahy KOZL
Topic: 75  Message: 78

Si Federico, moni y moni vol trabaja muy bien.

I modified my 850 so that the CW sidetone goes through
the MONI control. I can adjust the CW sidetone volume
from the front panel of the rig.

bill

--- Federico Batarse <fbatarse@...> wrote:
> there is a moni buton and a moni volumen, do you
> alredy use them?
> regards
> federico
>
> ----- Original Message -----
> From: kp4rs <kp4rs@...>
> To: <TS-850@yahoogroups.com>
> Sent: Saturday, January 12, 2002 4:49 PM
> Subject: [TS-850] AM/FM high pitch tone in TX
> modulation
>
>
> > Hi, great site!!! I have recently purchase an used
> TS 850. It has 3
> > problems. 1st it transmits a tone (@ 5khz)
> together with AM and FM
> > carrier (It is faint around 10% mod on AM) I think
> is a problem in
> > the IF, but maybe some knows what it is ( no need
> to reinvent the
> > wheel). 2nd problem is the same tone can be
> faintly heard on AM
> > stations during rx but I get rid of it using the
> SLOPE TUNE. 3rd
> > problem is that the MONITOR function doesn't work.
> No audio at all,
> > and is not a side tone adjustment. Any assistance
> is greatly
> > appreciated.
> >
> > Joe
> >
> >
> >
> > THANKS FOR USING TS-850@...
> >

> > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> >
> >
>
>
>

=====
Rev 3:20 "Behold, I stand at the door and knock; if anyone hears My voice and opens the door, I will come in to him and will dine with him, and he with Me.
Gal 2:20 "I have been crucified with Christ; and it is no longer I who live, but Christ lives in me; and the life which I now live in the flesh I live by faith in the Son of God, who loved me and gave Himself up for me."
John 14:6 "I am the way, and the truth, and the life; no one comes to the Father but through Me.

_____
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# 79. ts-450 and carrier supression

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-01-15 01:29:36 UTC
From: n7uvh
Topic: 79  Message: 79

hi and thanks for the egroup...
I have a ts-450 and running it on psk..I have a carrier when I am on lsb and usb..so guessing i need to supress it some. I don't have a tech manuel and would like to know the VR for carrier suppression...

I had to do this to my 440 also and was not as bad and was able to fix it myself for I had tech maneual.. if someone can let me know the pots and names and location would be great.

73 from north idaho.
email is n7uvh@...

tu.
Pat

# 80. Re: [TS-850] ts-450 and carrier supression

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-01-15 18:06:52 UTC
From: Bill Leahy KOZL
Topic: 79  Message: 80

How much carrier do you have, and how are you checking
it?

b

--- n7uvh <n7uvh@...> wrote:
> hi and thanks for the egroup...
> I have a ts-450 and running it on psk..I have a
> carrier when I am on
> lsb and usb..so guessing i need to supress it some.
> I don't have a
> tech manuel and would like to know the VR for
> carrier suppression...
>
> I had to do this to my 440 also and was not as bad
> and was able to
> fix it myself for I had tech maneual.. if someone
> can let me know the
> pots and names and location would be great.
>
> 73 from north idaho.
> email is n7uvh@...
>
> tu.
> Pat
>
>
>

=====
Rev 3:20 "Behold, I stand at the door and knock; if anyone hears My voice and opens the door, I will come in to him and will dine with him, and he with Me.
Gal 2:20 "I have been crucified with Christ; and it is no longer I who live, but Christ lives in me; and the life which I now live in the flesh I live by faith in the Son of God, who loved me and gave Himself up for me."
John 14:6 "I am the way, and the truth, and the life; no one comes to the Father but through Me.

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# 81. Re: [TS-850] ts-450 and carrier supression

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-01-16 03:05:30 UTC
From: pat murphy
Topic: 79  Message: 81

carrier is about 300 mw. I have had reports on psk
of my carrier, I also am able to hear it on my other
hf trancevers.

--- Bill Leahy KOZL <coorsbill@...> wrote:
> How much carrier do you have, and how are you
> checking
> it?
>
> b
>
> --- n7uvh <n7uvh@...> wrote:
> > hi and thanks for the egroup...
> > I have a ts-450 and running it on psk..I have a
> > carrier when I am on
> > lsb and usb..so guessing i need to supress it
> some.
> > I don't have a
> > tech manuel and would like to know the VR for
> > carrier suppression...
> >
> > I had to do this to my 440 also and was not as bad
> > and was able to
> > fix it myself for I had tech maneual.. if someone
> > can let me know the
> > pots and names and location would be great.
> >
> > 73 from north idaho.
> > email is n7uvh@...
> >
> > tu.
> > Pat
> >
> >
> >
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>
> =====
> Rev 3:20 "Behold, I stand at the door and knock; if
> anyone hears My voice and opens the door, I will
> come in to him and will dine with him, and he with
> Me.
> Gal 2:20 "I have been crucified with Christ; and it
> is no longer I who live, but Christ lives in me; and
> the life which I now live in the flesh I live by

> faith in the Son of God, who loved me and gave
> Himself up for me."
> John 14:6 "I am the way, and the truth, and the
> life; no one comes to the Father but through Me.
>
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## 82. Re: [TS-850] ts-450 and carrier supression

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-01-16 13:55:12 UTC
From: Bill Leahy KOZL
Topic: 79  Message: 82

Yes it definitely needs balancing! I will look this
up in the service manual when I get to the shop later
today.

b

--- pat murphy <n7uvh@...> wrote:
> carrier is about 300 mw. I have had reports on psk
> of my carrier, I also am able to hear it on my other
> hf trancevers.
>
>
> --- Bill Leahy KOZL <coorsbill@...> wrote:
> > How much carrier do you have, and how are you
> > checking
> > it?
> >
> > b
> >
> > --- n7uvh <n7uvh@...> wrote:
> > > hi and thanks for the egroup...
> > > I have a ts-450 and running it on psk..I have a
> > > carrier when I am on
> > > lsb and usb..so guessing i need to supress it
> > some.
> > > I don't have a
> > > tech manuel and would like to know the VR for
> > > carrier suppression...
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> > > I had to do this to my 440 also and was not as
> bad
> > > and was able to
> > > fix it myself for I had tech maneual.. if
> someone
> > > can let me know the
> > > pots and names and location would be great.
> > >
> > > 73 from north idaho.
> > > email is n7uvh@...
> > >
> > > tu.
> > > Pat
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> > >
> > >

> >
> >
> > =====
> > Rev 3:20 "Behold, I stand at the door and knock;
> if
> > anyone hears My voice and opens the door, I will
> > come in to him and will dine with him, and he with
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> > Gal 2:20 "I have been crucified with Christ; and
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> > is no longer I who live, but Christ lives in me;
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> > the life which I now live in the flesh I live by
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Rev 3:20 "Behold, I stand at the door and knock; if anyone hears My voice and opens the door, I will come in to him and will dine with him, and he with Me.
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_____
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## 83. Re: [TS-850] ts-450 and carrier supression

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-01-16 14:33:23 UTC
From: Berry Griffin
Topic: 79  Message: 83

You down load a schematic for Kenwood and a lot of other radios at:

http://krasnodar.online.ru/hamradio/sch_eng.html

73! W6EZ

Bill Leahy KOZL wrote:

> Yes it definitely needs balancing! I will look this
> up in the service manual when I get to the shop later
> today.
>
> b
>
> --- pat murphy <n7uvh@...> wrote:
> > carrier is about 300 mw. I have had reports on psk
> > of my carrier, I also am able to hear it on my other
> > hf trancevers.
> >
> >
> > --- Bill Leahy KOZL <coorsbill@...> wrote:
> > > How much carrier do you have, and how are you
> > > checking
> > > it?
> > >
> > > b
> > >
> > > --- n7uvh <n7uvh@...> wrote:
> > > > hi and thanks for the egroup...
> > > > I have a ts-450 and running it on psk..I have a
> > > > carrier when I am on
> > > > lsb and usb..so guessing i need to supress it
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> > > > tech manuel and would like to know the VR for
> > > > carrier suppression...
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> > > > pots and names and location would be great.
> > > >
> > > > 73 from north idaho.

> > > > email is n7uvh@...
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> > > > tu.
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> > >
> > > =====
> > > Rev 3:20 "Behold, I stand at the door and knock;
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> > > anyone hears My voice and opens the door, I will
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> =====
> Rev 3:20 "Behold, I stand at the door and knock; if anyone hears My voice and opens the door, I will come in to him and will dine with him, and he with Me.
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>
>
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## 84. Re: [TS-850] ts-450 and carrier supression

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-01-16 14:35:42 UTC
From: Berry Griffin
Topic: 79  Message: 84

You down load a schematic for Kenwood and a lot of other radios at:

http://krasnodar.online.ru/hamradio/sch_eng.html

73! W6EZ

Bill Leahy KOZL wrote:

> Yes it definitely needs balancing! I will look this
> up in the service manual when I get to the shop later
> today.
>
> b
>
> --- pat murphy <n7uvh@...> wrote:
> > carrier is about 300 mw. I have had reports on psk
> > of my carrier, I also am able to hear it on my other
> > hf trancevers.
> > >
> > >
> > > --- Bill Leahy KOZL <coorsbill@...> wrote:
> > > > How much carrier do you have, and how are you
> > > > checking
> > > > it?
> > > >
> > > > b
> > > >
> > > > --- n7uvh <n7uvh@...> wrote:
> > > > > hi and thanks for the egroup...
> > > > > I have a ts-450 and running it on psk..I have a
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> > > > > lsb and usb..so guessing i need to supress it
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> > > > > I don't have a
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> =====
> Rev 3:20 "Behold, I stand at the door and knock; if anyone hears My voice and opens the door, I will come in to him and will dine with him, and he with Me.
> Gal 2:20 "I have been crucified with Christ; and it is no longer I who live, but Christ lives in me; and the life which I now live in the flesh I live by faith in the Son of God, who loved me and gave Himself up for me."
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>
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# 85. WTB: SO-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-01-24 17:35:08 UTC
From: ve7avv
Topic: 85  Message: 85

I am looking for an SO-2 (Stability TCXO temperature compensated crystal oscillator)for the TS-850. Does anyone on the list have one they would like to sell, or perhaps you know of a source for the device. Please advise by return email.

73 de Paul, VE7AVV
StoneyGround Station

# 86. Pwr output on TS-850?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-01-26 18:21:16 UTC
From: ve7avv
Topic: 86  Message: 86

While the power output of my TS-850 appears to be withing spec according to the Operating Manual, I am curious what other TS-850 owners are seeing as power ouput from their radios. In particular, I wonder about 10M -- on my radio, output (measured with an external meter)is only 65 watts. While that seems low, I have no point of comparison other than the Manual. Power output on all other bands appears okay and is between 80 and 95 watts.

If you are able to respond to my request, please let me know what type of external meter you're using to measure output power. All my readings were taken with an Autek Computing Meter inline to the antenna versus a dummy load.

73 de Paul, VE7AVV
StoneyGround Station

# 87. Re: [TS-850] Pwr output on TS-850?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-01-27 04:15:35 UTC
From: Bill Leahy KOZL
Topic: 86  Message: 87

Paul, I don't doubt your meter readings. The VSWR
protection setting may be a bit low on your 850.

Try tweaking VR8 on the RF unit for a bit more power
on 10m; remember where it was, and if there was no
change, put it back. If it changes power on 10m with
rig into dummy load, continue turning so that it
increases power until there is no longer any effect.
Then leave it there. If you can use a tuner to induce
a 3:1 SWR on 10m, you can set VR8 so that the rig
draws no more than 10 amps.

bill

--- ve7avv <ve7avv@...> wrote:
> While the power output of my TS-850 appears to be
> withing spec
> according to the Operating Manual, I am curious what
> other TS-850
> owners are seeing as power ouput from their radios.
> In particular, I
> wonder about 10M -- on my radio, output (measured
> with an external
> meter)is only 65 watts. While that seems low, I have
> no point of
> comparison other than the Manual. Power output on
> all other bands
> appears okay and is between 80 and 95 watts.
>
> If you are able to respond to my request, please let
> me know what
> type of external meter you're using to measure
> output power. All my
> readings were taken with an Autek Computing Meter
> inline to the
> antenna versus a dummy load.
>
> 73 de Paul, VE7AVV
> StoneyGround Station
>
>

=====
Rev 3:20 "Behold, I stand at the door and knock; if anyone hears My voice and opens the door, I will come in to him and will dine with him, and he with Me.
Gal 2:20 "I have been crucified with Christ; and it is no longer I who live, but Christ

lives in me; and the life which I now live in the flesh I live by faith in the Son of God, who loved me and gave Himself up for me."
John 14:6 "I am the way, and the truth, and the life; no one comes to the Father but through Me.

_____
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## 88. N1JM new member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-02-07 19:56:54 UTC
From: coorsbill
Topic: 88  Message: 88

Welcome to N1JM, new member for TS-850 group!

Why not hit the reply button and tell us about yourself ("brag tapes"
are fine too!)

73

Bill, K0ZL

List Moderator

# 89. Co-Moderator needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-02-07 20:07:22 UTC
From: coorsbill
Topic: 89  Message: 89

I need a volunteer Co-moderator for this group.

Duties include checking Yahoo profiles on new applicants, approving them with the proper moderation settings and greeting them. Duties also include making sure that posts stay pretty much on-topic and that any heated discussions get moved off-line from the group.

Co-moderator fills in for Moderator when Moderator's wife needs foo-foo time, or if moderator is ill or doesn't feel like doing computers some days. It's really a lot of fun, and doesn't take much time. You can put it down on your resumé as unpaid volunteer time too!

Training is provided as is occasional feedback on what a wonderful job you are doing, and of course regular raises for good performance (nyuk, nyuk; see previous paragraph...).

Let me know if you are interested! In case of a tie, the guy (or gal) with the most heavy iron in the shack wins!

73,

Bill K0ZL

# 90. Re: [TS-850] Co-Moderator needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-02-08 00:21:23 UTC
From: w8krr
Topic: 89  Message: 90

I'd be glad to volunteer to help. I suffered a severe stroke,
and the involvement would helkp in my recovery.
Mike
----- Original Message -----
From: coorsbill
To: TS-850@yahoogroups.com
Sent: Thursday, February 07, 2002 3:07 PM
Subject: [TS-850] Co-Moderator needed

I need a volunteer Co-moderator for this group.

Duties include checking Yahoo profiles on new applicants, approving
them with the proper moderation settings and greeting them. Duties
also include making sure that posts stay pretty much on-topic and
that any heated discussions get moved off-line from the group.

Co-moderator fills in for Moderator when Moderator's wife needs foo-
foo time, or if moderator is ill or doesn't feel like doing computers
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job you are doing, and of course regular raises for good performance
(nyuk, nyuk; see previous paragraph...).

Let me know if you are interested! In case of a tie, the guy (or
gal) with the most heavy iron in the shack wins!

73,

Bill K0ZL

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[Non-text portions of this message have been removed]

# 91. RE: [TS-850] Co-Moderator needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-02-08 01:28:57 UTC
From: Federico Batarse
Topic: 89  Message: 91

tnks, mike and bill , the work both of you will do , it will be a very nice
and helpfull to everyone and all of us.

please receive my tnks and my best kind regards.
federico batarse
and hope to have a very good recovery mike
federico
xe2nlm
proud owner of my ts-850s

----- Original Message -----
From: w8krr <w8krr@...>
To: <TS-850@yahoogroups.com>
Sent: Thursday, February 07, 2002 6:21 PM
Subject: Re: [TS-850] Co-Moderator needed

I'd be glad to volunteer to help. I suffered a severe stroke,
and the involvement would helkp in my recovery.
Mike
----- Original Message -----
From: coorsbill
To: TS-850@yahoogroups.com
Sent: Thursday, February 07, 2002 3:07 PM
Subject: [TS-850] Co-Moderator needed

I need a volunteer Co-moderator for this group.

Duties include checking Yahoo profiles on new applicants, approving
them with the proper moderation settings and greeting them. Duties
also include making sure that posts stay pretty much on-topic and
that any heated discussions get moved off-line from the group.

Co-moderator fills in for Moderator when Moderator's wife needs foo-
foo time, or if moderator is ill or doesn't feel like doing computers
some days. It's really a lot of fun, and doesn't take much time.
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job you are doing, and of course regular raises for good performance
(nyuk, nyuk; see previous paragraph...).

Let me know if you are interested! In case of a tie, the guy (or
gal) with the most heavy iron in the shack wins!

73,

Bill K0ZL

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[Non-text portions of this message have been removed]

THANKS FOR USING TS-850@...

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# 92. RE: [TS-850] Co-Moderator needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-02-08 04:13:13 UTC
From: Bill Leahy KOZL
Topic: 89  Message: 92

Mike, thanks for your offer. I will make a decision
in a couple of days. If you would like prayer for
your condition, email me.

Federico, thanks for the kind comments. It is very
good seeing people helped by this group.

73!

bill
--- Federico Batarse <fbatarse@...> wrote:
> tnks, mike and bill , the work both of you will do ,
> it will be a very nice
> and helpfull to everyone and all of us.
>
> please receive my tnks and my best kind regards.
> federico batarse
> and hope to have a very good recovery mike
> federico
> xe2nlm
> proud owner of my ts-850s
>
>
>
> ----- Original Message -----
> From: w8krr <w8krr@...>
> To: <TS-850@yahoogroups.com>
> Sent: Thursday, February 07, 2002 6:21 PM
> Subject: Re: [TS-850] Co-Moderator needed
>
>
> I'd be glad to volunteer to help. I suffered a
> severe stroke,
> and the involvement would helkp in my recovery.
> Mike
> ----- Original Message -----
> From: coorsbill
> To: TS-850@yahoogroups.com
> Sent: Thursday, February 07, 2002 3:07 PM
> Subject: [TS-850] Co-Moderator needed
>
>
> I need a volunteer Co-moderator for this group.
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> Duties include checking Yahoo profiles on new
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> You can put it down on your resum? as unpaid
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> Training is provided as is occasional feedback on
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> (nyuk, nyuk; see previous paragraph...).
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> Let me know if you are interested! In case of a
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>
> 73,
>
> Bill K0ZL
>
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>
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> [Non-text portions of this message have been
> removed]
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>
> THANKS FOR USING TS-850@...

>
> Your use of Yahoo! Groups is subject to
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=====
John 14:6 "I am the way, and the truth, and the life; no one comes to the Father but through Me.

---------------------------------------------------
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# 93. Re: [TS-850] Co-Moderator needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-02-08 09:12:28 UTC
From: Stu
Topic: 89  Message: 93

I second what Federico says and wish you a speedy and enjoyable recovery
Stu MM0BSM
----- Original Message -----
From: "Federico Batarse" <fbatarse@...>
To: <TS-850@yahoogroups.com>
Sent: Friday, February 08, 2002 1:28 AM
Subject: RE: [TS-850] Co-Moderator needed

> tnks, mike and bill , the work both of you will do , it will be a very
nice
> and helpfull to everyone and all of us.
>
> please receive my tnks and my best kind regards.
> federico batarse
> and hope to have a very good recovery mike
> federico
> xe2nlm
> proud owner of my ts-850s
>
>
>
> ----- Original Message -----
> From: w8krr <w8krr@...>
> To: <TS-850@yahoogroups.com>
> Sent: Thursday, February 07, 2002 6:21 PM
> Subject: Re: [TS-850] Co-Moderator needed
>
>
> I'd be glad to volunteer to help. I suffered a severe stroke,
> and the involvement would helkp in my recovery.
> Mike
> ----- Original Message -----
> From: coorsbill
> To: TS-850@yahoogroups.com
> Sent: Thursday, February 07, 2002 3:07 PM
> Subject: [TS-850] Co-Moderator needed
>
>
> I need a volunteer Co-moderator for this group.
>
> Duties include checking Yahoo profiles on new applicants, approving
> them with the proper moderation settings and greeting them. Duties
> also include making sure that posts stay pretty much on-topic and
> that any heated discussions get moved off-line from the group.
>

> Co-moderator fills in for Moderator when Moderator's wife needs foo-
> foo time, or if moderator is ill or doesn't feel like doing computers
> some days. It's really a lot of fun, and doesn't take much time.
> You can put it down on your resum? as unpaid volunteer time too!
>
> Training is provided as is occasional feedback on what a wonderful
> job you are doing, and of course regular raises for good performance
> (nyuk, nyuk; see previous paragraph...).
>
> Let me know if you are interested! In case of a tie, the guy (or
> gal) with the most heavy iron in the shack wins!
>
> 73,
>
> Bill K0ZL
>
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
>
>
>
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 94. Re: [TS-850] Co-Moderator needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-02-08 13:23:31 UTC
From: w8krr
Topic: 89  Message: 94

Thank you, Bill and others for the good wishes. The heck of
it is I knew 2 weeks ahead of time, but was too bone-headed to admit it. If only - right?
Mike
----- Original Message -----
From: coorsbill
To: TS-850@yahoogroups.com
Sent: Thursday, February 07, 2002 3:07 PM
Subject: [TS-850] Co-Moderator needed

I need a volunteer Co-moderator for this group.

Duties include checking Yahoo profiles on new applicants, approving
them with the proper moderation settings and greeting them. Duties
also include making sure that posts stay pretty much on-topic and
that any heated discussions get moved off-line from the group.

Co-moderator fills in for Moderator when Moderator's wife needs foo-
foo time, or if moderator is ill or doesn't feel like doing computers
some days. It's really a lot of fun, and doesn't take much time.
You can put it down on your resumé as unpaid volunteer time too!

Training is provided as is occasional feedback on what a wonderful
job you are doing, and of course regular raises for good performance
(nyuk, nyuk; see previous paragraph...).

Let me know if you are interested! In case of a tie, the guy (or
gal) with the most heavy iron in the shack wins!

73,

Bill K0ZL

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THANKS FOR USING TS-850@...

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[Non-text portions of this message have been removed]

# 95. audio dsp for TS850S-AT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-02-08 22:52:54 UTC
From: quild0r
Topic: 95  Message: 95

I recently purchased a used TS-850S-AT. It works very well but I am considering adding an external dsp unit. Does anyone have recommendations? Would a used MFJ-784B be good? What other better units are there? I would like to keep the cost under $200 and used is OK. Any ideas?? Steve AB9CZ

# 96. Re: [TS-850] audio dsp for TS850S-AT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-02-09 01:11:29 UTC
From: Berry Griffin
Topic: 95  Message: 96

For absolute ease of operation and best value, try a Clearspeech Speaker.
I have a JPS NIR-12, which will do more than the Clearspeech unit, but it cost a whole LOT more.
The Clearspeech unit has spoiled me.
The Kenwood DSP-100 is very expensive, doesn't do hardly anything for the received audio, but does wonders for the transmitted audio when used with a MC90.
These are the only units I have used and can comment on.
73 W6EZ

quild0r wrote:

> I recently purchased a used TS-850S-AT. It works very well but I am
> considering adding an external dsp unit. Does anyone have
> recommendations? Would a used MFJ-784B be good? What other better
> units are there? I would like to keep the cost under $200 and used
> is OK. Any ideas?? Steve AB9CZ
>
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 97. Re: [TS-850] audio dsp for TS850S-AT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-02-09 01:24:58 UTC
From: Jeff Kilgore
Topic: 95  Message: 97

I have used a Timewave DSP-59+ with my TS-850 for several years, and the combination works very well. I'm thinking of dedicating my DSP-59+ to portable QRP operation with an FT-817 and getting a Timewave DSP-599ZX for use with the TS-850, but this is not due to any dissatisfaction with the DSP-59+.

The TS-850 with a decent audio DSP makes a fine receiver. Good crystal filters are still very useful; I use INRAD 400-Hz CW filters in the 8.83-MHz and 455-kHz IFs, and an INRAD 2.1-kHz SSB filter in the 8.83-MHz IF, and am very pleased with them.

73,
Jeff, KC1MK

# 98. Re: [TS-850] audio dsp for TS850S-AT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-02-09 01:42:15 UTC
From: Bill Leahy KOZL
Topic: 95  Message: 98

Why do you want DSP unit?

b

--- quild0r <steve4iam@...> wrote:
> I recently purchased a used TS-850S-AT. It works
> very well but I am
> considering adding an external dsp unit. Does
> anyone have
> recommendations? Would a used MFJ-784B be good?
> What other better
> units are there? I would like to keep the cost
> under $200 and used
> is OK. Any ideas?? Steve AB9CZ
>
>
>

=====
John 14:6 "I am the way, and the truth, and the life; no one comes to the Father but through Me.

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# 99. RE: [TS-850] audio dsp for TS850S-AT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-02-09 03:00:35 UTC
From: Federico Batarse
Topic: 95  Message: 99

i always have been wanted the DSP-100 , since 10 years ago. and never have
been heard somebody to talk about it

it seems to me that this DSP unit work for the receiving signal and also for
the TX signal.
but with the new technology, maybe this is not good enought to be purchased
as a expensive accesory?

regards and if somebody can tell me also bout the sm-230, does it is
usefull?

regards
xe2nlm
federico

----- Original Message -----
From: Berry Griffin <serazin@...>
To: <TS-850@yahoogroups.com>
Sent: Friday, February 08, 2002 7:11 PM
Subject: Re: [TS-850] audio dsp for TS850S-AT?

> For absolute ease of operation and best value, try a Clearspeech Speaker.
> I have a JPS NIR-12, which will do more than the Clearspeech unit, but it
> cost a whole LOT more.
> The Clearspeech unit has spoiled me.
> The Kenwood DSP-100 is very expensive, doesn't do hardly anything for the
> received audio, but does wonders for the transmitted audio when used with
a
> MC90.
> These are the only units I have used and can comment on.
> 73 W6EZ
>
> quild0r wrote:
>
> > I recently purchased a used TS-850S-AT. It works very well but I am
> > considering adding an external dsp unit. Does anyone have
> > recommendations? Would a used MFJ-784B be good? What other better
> > units are there? I would like to keep the cost under $200 and used
> > is OK. Any ideas?? Steve AB9CZ
> >
> >
> > THANKS FOR USING TS-850@...
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> > Your use of Yahoo! Groups is subject to
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>

>
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 100. INFO DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-02-09 03:05:25 UTC
From: Federico Batarse
Topic: 100  Message: 100

I HAVE FOUND THIS ON THE NEXT LINK: (I DOUBT IT IS RIGHT, MAYBE IT IS, I DO NOT NOW)

http://www.eham.net/reviews/detail/1677

ZF1MW Rating: 2/5 Oct 16, 2001 21:56 Send this review to a friend
Not worth it Time owned: 3 to 6 months
I bought one for the benefits of DSP but it was a waste of money. No noticeable effect on SSB transmit or receive reports. Minor improvement on CW. Good filters do a better job. I also have an MFJ 784B which does much better filtering. If only it did not loose that much volume during processing.

W6EZ Rating: 4/5 Jul 22, 2001 14:33 Send this review to a friend
Ok but NOT what you think ... Time owned: 6 to 12 months
The DSP-100 was Kenwood's answer to everyone with a TS850 and TS450 who wanted the DSP like the TS950SDX.

It connecs via a handfull of cables at the board level via a 13 pin DIN cable, another 6 pin DIN cable and a couple of RCA type cables. It will NOT simply pug in between an external speaker and the rig like most add on audio filters.

It has variable bandwidth for receive, can shape the CW waveforms on BOTH receive and Transmit, and can modify how YOU sound when you transmit through it.

For reception, it is not up to par with the current crop of DSP aftermarket units. I know this sounds strange, but it is OLD TECH. DSP was a really new thing when the DSP-100 came out. Designers and programers have learned a lot in the years since. Ok, it works pretty good for reception on CW but it isn't harly worth the trouble for SSB.

What the DSP-100 does do is make a Kenwood Radio sound so extremely sweet on transmit! This unit with the MC-90 will make a nasaly, high pitched, sweaky voice like mine sound almost like an Art Bell or Walter Cronkite on SSB. Ok, never quite that good but the difference is amazing!

So, I run my DSP-100 with my MC-90 with the receiver section turned off and the Tranmitter sectio on for SSB, ( I use a NIR 12 for reception when needed, ) and I run receive and transmit on or off as the whim hits me for CW.

Oh yes, it will detect DSB also.

All in all, I DO love this thing just because of the enhanced ego building qualities of the tramsmitted signal. I confess, I LIKE to get good transmitted audio reports!

Federico Batarse

XE2NLM 73!

[Non-text portions of this message have been removed]

# 101. RTTY???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-02-09 03:48:24 UTC
From: trg46
Topic: 101  Message: 101

Anyone have any tips for using the 850 on RTTY FSK transmitting???
Is the internal fan adequate for cooling??? should the output be
reduced?? or is the transmitter continuous duty for 10 minutes???

# 102. RE: [TS-850] audio dsp for TS850S-AT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-02-09 12:32:49 UTC
From: Bill Leahy KOZL
Topic: 95  Message: 102

Hi Fred
I have heard the DSP-100 on the air with the '850 and
it is awesome! Makes SSB and AM sound much better on
TX, was not able to hear it on receive as it was used
on the other end of the QSO! hi...

SM-230 is useful toy, for cool display in the shack,
but I have never felt a need to have one here. I had
a SM-220 which worked also with the '850. I think if
I ran a lot of AM I would like a scope.

bill

--- Federico Batarse <fbatarse@...> wrote:
> i always have been wanted the DSP-100 , since 10
> years ago. and never have
> been heard somebody to talk about it
>
> it seems to me that this DSP unit work for the
> receiving signal and also for
> the TX signal.
> but with the new technology, maybe this is not good
> enought to be purchased
> as a expensive accesory?
>
> regards and if somebody can tell me also bout the
> sm-230, does it is
> usefull?
>
> regards
> xe2nlm
> federico
>
> ----- Original Message -----
> From: Berry Griffin <serazin@...>
> To: <TS-850@yahoogroups.com>
> Sent: Friday, February 08, 2002 7:11 PM
> Subject: Re: [TS-850] audio dsp for TS850S-AT?
>
>
> > For absolute ease of operation and best value, try
> a Clearspeech Speaker.
> > I have a JPS NIR-12, which will do more than the
> Clearspeech unit, but it
> > cost a whole LOT more.
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> hardly anything for the
> > received audio, but does wonders for the
> transmitted audio when used with
> a
> > MC90.
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> comment on.
> > 73 W6EZ
> >
> > quild0r wrote:
> >
> > > I recently purchased a used TS-850S-AT. It
> works very well but I am
> > > considering adding an external dsp unit. Does
> anyone have
> > > recommendations? Would a used MFJ-784B be good?
> What other better
> > > units are there? I would like to keep the cost
> under $200 and used
> > > is OK. Any ideas?? Steve AB9CZ
> > >
> > >
> > > THANKS FOR USING TS-850@...
> > >
> > > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
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> >
> >
> > THANKS FOR USING TS-850@...
> >
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> >
> >
>
>

=====
John 14:6 "I am the way, and the truth, and the life; no one comes to the Father but
through Me.

---
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# 103. Re: [TS-850] INFO DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-02-09 12:34:22 UTC
From: Bill Leahy KOZL
Topic: 100  Message: 103

Thanks for the link, Fred.

"I DO NOT NOW" should be "I DO NOT KNOW" ... the "K"
is silent in ingles.

73! y buen DX OM

bill

--- Federico Batarse <fbatarse@...> wrote:
> I HAVE FOUND THIS ON THE NEXT LINK: (I DOUBT IT IS
> RIGHT, MAYBE IT IS, I DO NOT NOW)
>
> http://www.eham.net/reviews/detail/1677
>
>
>
> ZF1MW Rating: 2/5 Oct 16, 2001 21:56
> Send this review to a friend
> Not worth it Time owned: 3 to 6 months
>
> I bought one for the benefits of DSP but
> it was a waste of money. No noticeable effect on SSB
> transmit or receive reports. Minor improvement on
> CW. Good filters do a better job.
> I also have an MFJ 784B which does much
> better filtering. If only it did not loose that much
> volume during processing.
>
> W6EZ Rating: 4/5 Jul 22, 2001 14:33
> Send this review to a friend
> Ok but NOT what you think ... Time
> owned: 6 to 12 months
> The DSP-100 was Kenwood's answer to
> everyone with a TS850 and TS450 who wanted the DSP
> like the TS950SDX.
>
> It connecs via a handfull of cables at
> the board level via a 13 pin DIN cable, another 6
> pin DIN cable and a couple of RCA type cables. It
> will NOT simply pug in between an external speaker
> and the rig like most add on audio filters.
>
> It has variable bandwidth for receive,
> can shape the CW waveforms on BOTH receive and
> Transmit, and can modify how YOU sound when you

> transmit through it.
>
> For reception, it is not up to par with
> the current crop of DSP aftermarket units. I know
> this sounds strange, but it is OLD TECH. DSP was a
> really new thing when the DSP-100 came out.
> Designers and programers have learned a lot in the
> years since. Ok, it works pretty good for reception
> on CW but it isn't harly worth the trouble for SSB.
>
> What the DSP-100 does do is make a
> Kenwood Radio sound so extremely sweet on transmit!
> This unit with the MC-90 will make a
> nasaly, high pitched, sweaky voice like mine sound
> almost like an Art Bell or Walter Cronkite on SSB.
> Ok, never quite that good but the difference is
> amazing!
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> So, I run my DSP-100 with my MC-90 with
> the receiver section turned off and the Tranmitter
> sectio on for SSB, ( I use a NIR 12 for reception
> when needed, ) and I run receive and transmit on or
> off as the whim hits me for CW.
>
> Oh yes, it will detect DSB also.
>
> All in all, I DO love this thing just
> because of the enhanced ego building qualities of
> the tramsmitted signal. I confess, I LIKE to get
> good transmitted audio reports!
>
>
> Federico Batarse
>
>
> XE2NLM 73!
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====
John 14:6 "I am the way, and the truth, and the life; no one comes to the Father but through Me.

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# 104. Re: [TS-850] RTTY???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-02-09 12:36:02 UTC
From: Bill Leahy KOZL
Topic: 101  Message: 104

Yes.

Reduce power to 50 watts except for short exchanges as
on contests. If you want more power, get a small amp
such as the Ameritron AL-811 or 811H. Chief problem
is the DC connector on the back gets hot.

I have a mod to speed up the cooling fan, will look it
up if you want it.

Same for PSK31, if you TX longer than 5-8 minutes,
reduce power.

b

--- trg46 <trg46@...> wrote:
> Anyone have any tips for using the 850 on RTTY FSK
> transmitting???
> Is the internal fan adequate for cooling??? should
> the output be
> reduced?? or is the transmitter continuous duty for
> 10 minutes???
>
>

=====
John 14:6 "I am the way, and the truth, and the life; no one comes to the Father but
through Me.

__________________________________________________
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# 105. Re: [TS-850] Co-Moderator needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-02-09 14:07:44 UTC
From: Bill Leahy KOZL
Topic: 89  Message: 105

Mike,
I will be adding you as co-moderator today. Thanks
very much for offering to help!

73,

Bill K0ZL

--- w8krr <w8krr@...> wrote:
> I'd be glad to volunteer to help. I suffered a
> severe stroke,
> and the involvement would helkp in my recovery.
> Mike

=====
John 14:6 "I am the way, and the truth, and the life; no one comes to the Father but
through Me.

---
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# 106. Report Card Time

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-03 22:32:54 UTC
From: w8krr
Topic: 106  Message: 106

Hi - any complaints about my moderating this group?
Help me get better!
Mike, W8KRR

# 107. Re: [TS-850] Report Card Time

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-04 09:41:49 UTC
From: Don
Topic: 106  Message: 107

You are doin fine.
--Don

w8krr wrote:
>
> Hi - any complaints about my moderating this group?
> Help me get better!
> Mike, W8KRR
>
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 108. Re: [TS-850] Report Card Time

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-04 13:53:42 UTC
From: Bruce Muscolino
Topic: 106  Message: 108

Actually I have only seen a few postings since I subscribed. Maybe the TS680 postings apply, I don't know! I have no objection with the reflector, just not enough activity!

73

# 109. Re: [TS-850] Report Card Time

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-04 16:48:58 UTC
From: Bill Leahy KOZL
Topic: 106  Message: 109

Bruce it takes about 100 members to get decent level of activity. Recruit! Be sure to tell any 850 owners or fans about the group.
bill
Bruce Muscolino <w6toy@...> wrote: Actually I have only seen a few postings since I subscribed. Maybe the
TS680 postings apply, I don't know! I have no objection with the
reflector, just not enough activity!

73

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John 14:6 "I am the way, and the truth, and the life; no one comes to the Father but through Me.

---
Do You Yahoo!?
Yahoo! Sports - Sign up for Fantasy Baseball

[Non-text portions of this message have been removed]

# 110. Re: [TS-850] Report Card Time

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-04 16:38:06 UTC
From: Bill Leahy KOZL
Topic: 106  Message: 110

You are doing fine, Mike. It's Yahoo that gets the "F"!!! They are messing up clubs, moving them to groups and then setting everyone to "special announcements" so no one gets email unless the moderator sends something out... loosing pics, it's just a real mess. Also Yahoo very slow at times, keeps kicking me out, yakkk..... what do I expect for free?
73!
bill
w8krr <w8krr@...> wrote: Hi - any complaints about my moderating this group?
Help me get better!
Mike, W8KRR

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THANKS FOR USING TS-850@...

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John 14:6 "I am the way, and the truth, and the life; no one comes to the Father but through Me.

---
Do You Yahoo!?
Yahoo! Sports - Sign up for Fantasy Baseball

[Non-text portions of this message have been removed]

# 111. Re: [TS-850] Report Card Time

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-05 16:52:20 UTC
From: Paul Manuel
Topic: 106  Message: 111

Hi folks!
I'm new to the group--and the 850, which I only purchased about a month ago.
I have owned a 940, 3 IC-751As, an IC-706, FT-100, and many other rigs. The 850 runs rings around all of them! I am really impressed with it.
I operate a little more CW than voice, but not enough of either one, due to time constraints!
The battery issue worries me but it seems a hard job to get at it...If it were easy I'd go ahead and replace it before problems develop. I may tackle it before too long, anyway.
I'm glad to see this group. A lot of 850 info is given out on the Kenwood group at QTH.net...maybe someone should advertise this group over there!
73 to all,
Paul K4PDM
--- Bill Leahy KOZL <coorsbill@...> wrote:
>
> Bruce it takes about 100 members to get decent level of activity.
> Recruit! Be sure to tell any 850 owners or fans about the group.
>

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# 112. RE: [TS-850] Report Card Time

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-06 14:31:30 UTC
From: Federico Batarse
Topic: 106  Message: 112

Yes, the TS-850 is a great radio, i own it since 1991, and it is great, i
will use it for EME
and i have the filters for ssb, and i would like to buy the filter for cw n

kind regards to all the owners of a ts-850

federico
xe2nlm
pd, just continue making more emails about ours great radios.

----- Original Message -----
From: Paul Manuel <k4pdm@...>
To: <TS-850@yahoogroups.com>
Sent: Tuesday, March 05, 2002 10:52 AM
Subject: Re: [TS-850] Report Card Time

> Hi folks!
> I'm new to the group--and the 850, which I only purchased about a month
> ago.
> I have owned a 940, 3 IC-751As, an IC-706, FT-100, and many other rigs.
> The 850 runs rings around all of them! I am really impressed with it.
> I operate a little more CW than voice, but not enough of either one, due
> to time constraints!
> The battery issue worries me but it seems a hard job to get at it...If it
> were easy I'd go ahead and replace it before problems develop. I may
> tackle it before too long, anyway.
> I'm glad to see this group. A lot of 850 info is given out on the Kenwood
> group at QTH.net...maybe someone should advertise this group over there!
> 73 to all,
> Paul K4PDM
> --- Bill Leahy KOZL <coorsbill@...> wrote:
> >
> > Bruce it takes about 100 members to get decent level of activity.
> > Recruit! Be sure to tell any 850 owners or fans about the group.
> >
>
> _____
> Do You Yahoo!?
> Try FREE Yahoo! Mail - the world's greatest free email!
> http://mail.yahoo.com/
>
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>

>

## 113. Re: [TS-850] Battery inspection?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-06 17:51:25 UTC
From: Don
Topic: 113  Message: 113

Here is a question/ idea.
Please comment on whether the idea is a reasonable approach
and suggest what is a better approach.

Questions-- How difficult to access are the conductors that
are connected to the memory retention battery? Would it
make sense to take a reading at some accessible point with
an accurate digital Voltmeter to see if the battery is near
gone? In the same work session, could a person see whether
the battery is leaking?

This assumes the following points:
1. the battery is unhandy to replace.
2. The owner might worry about the battery's going dead or
leaking.
3. The owner does not want the inconvenience of digging out
and replacing the battery if it still has several years life
remaining.

How about it, you who have dug into the radio?

Don WN9V

Paul Manuel wrote:
>
> .......
> The battery issue worries me but it seems a hard job to get at it...If it
> were easy I'd go ahead and replace it before problems develop. I may
> tackle it before too long, anyway........
> Paul K4PDMm/iZp8OC/4m7CAA/ySSFAA/ELTolB/TM
> ------------------------------------------------------------------------~->
>
> THANKS FOR USING TS-850@...
>
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# 114. RE: [TS-850] Report Card Time

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-07 00:53:32 UTC
From: Bill Leahy KOZL
Topic: 106  Message: 114

HI Fred
Well I really like the stock 500hz filters that Kenwood puts out, they just sound great and if I want to work RTTY they are wide enough, I can still use both of them and get great copy.
I am worried that the 400hz filters put out by International Radio might be too narrow for RTTY if used together. Besides, I don't have 240 dolares!
bill
Federico Batarse <fbatarse@...> wrote: Yes, the TS-850 is a great radio, i own it since 1991, and it is great, i
will use it for EME
and i have the filters for ssb, and i would like to buy the filter for cw n

kind regards to all the owners of a ts-850

federico
xe2nlm
pd, just continue making more emails about ours great radios.

----- Original Message -----
From: Paul Manuel <k4pdm@...>
To: <TS-850@yahoogroups.com>
Sent: Tuesday, March 05, 2002 10:52 AM
Subject: Re: [TS-850] Report Card Time

> Hi folks!
> I'm new to the group--and the 850, which I only purchased about a month
> ago.
> I have owned a 940, 3 IC-751As, an IC-706, FT-100, and many other rigs.
> The 850 runs rings around all of them! I am really impressed with it.
> I operate a little more CW than voice, but not enough of either one, due
> to time constraints!
> The battery issue worries me but it seems a hard job to get at it...If it
> were easy I'd go ahead and replace it before problems develop. I may
> tackle it before too long, anyway.
> I'm glad to see this group. A lot of 850 info is given out on the Kenwood
> group at QTH.net...maybe someone should advertise this group over there!
> 73 to all,
> Paul K4PDM
> --- Bill Leahy KOZL <coorsbill@...> wrote:
> >
> > Bruce it takes about 100 members to get decent level of activity.
> > Recruit! Be sure to tell any 850 owners or fans about the group.
> >
>
> _____
> Do You Yahoo!?

> Try FREE Yahoo! Mail - the world's greatest free email!
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>
> THANKS FOR USING TS-850@...
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---
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[Non-text portions of this message have been removed]

# 115. Re: [TS-850] Battery inspection?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-07 00:56:31 UTC
From: Bill Leahy KOZL
Topic: 113  Message: 115

Don, you can just remove the radio covers, and two of the four screws holding the front panel; rock it forward, and measure the mem battery. I think the top of the battery is plus, the other voltmeter lead can go to any convenient ground. If the battery is 3.0 volts or greater, and not showing any white powder or "hair", you are good for another year. The PC board underneath the '850 mem battery is easily damaged.
73
bill
Don <WN9V@...> wrote: Here is a question/ idea.
Please comment on whether the idea is a reasonable approach
and suggest what is a better approach.

Questions-- How difficult to access are the conductors that
are connected to the memory retention battery? Would it
make sense to take a reading at some accessible point with
an accurate digital Voltmeter to see if the battery is near
gone? In the same work session, could a person see whether
the battery is leaking?

This assumes the following points:
1. the battery is unhandy to replace.
2. The owner might worry about the battery's going dead or
leaking.
3. The owner does not want the inconvenience of digging out
and replacing the battery if it still has several years life
remaining.

How about it, you who have dug into the radio?

Don WN9V

Paul Manuel wrote:
>
> .......
> The battery issue worries me but it seems a hard job to get at it...If it
> were easy I'd go ahead and replace it before problems develop. I may
> tackle it before too long, anyway........
> Paul K4PDMm/iZp8OC/4m7CAA/ySSFAA/ELTolB/TM
> ------------------------------------------------------------------------~->
>
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---
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[Non-text portions of this message have been removed]

# 117. Hello From KAØVKF

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-06 19:48:57 UTC
From: Kevin Hunter
Topic: 117  Message: 117

Hello All. I am a new member to this group and I wanted to introduce myself. My name is Kevin Hunter - KAØVKF. I live just northwest of Springfield, MO.

I have owned my TS-850SAT since November of 2001. I have owned the DSP-100 unit for it for less than a month and have not had the opportunity to use it much yet. I have the IF-232C also, but don't use the computer control very much. I still use paper logs.

I have installed an Inrad #103 400 Hz CW filter in the 8.83 section. The single filter is quite adequate for my, mostly novice band, CW operation. I have the Inrad 2.1 kHz SSB filter in the 455 kHz section.

This radio has been an unbelievable improvement over the TS-140S that I was running before.

I operate mostly on 1.947 in the evenings between 6 and 10 PM CST (Shift work permitting). There are a few TS-850S users that operate there. Please drop by and visit.

73,
Kevin

[Non-text portions of this message have been removed]

# 118. Re: [TS-850] Battery inspection?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-07 15:02:57 UTC
From: Paul Manuel
Topic: 113  Message: 118

--- Bill Leahy KOZL <coorsbill@...> wrote:
>
> Don, you can just remove the radio covers, and two of the four screws
> holding the front panel; rock it forward, and measure the mem battery.
> I think the top of the battery is plus, the other voltmeter lead can go
> to any convenient ground. If the battery is 3.0 volts or greater, and
> not showing any white powder or "hair", you are good for another year.
> The PC board underneath the '850 mem battery is easily damaged.
Is it possible to place some sort of insulated material, such as a small
sheet of plastic, under the battery and maybe prevent damage to the lower
board?

I am asking this, having never looked in there.

73,
Paul K4PDM

---------------------------------------------------
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# 119. Re: [TS-850] Hello_From_KAØVKF

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-07 14:44:48 UTC
From: Bill Leahy KOZL
Topic: 117  Message: 119

Hi Kevin! Welcome to the group and thanks for your patience, it took about a week to get your first post up due to Yahoo problems and so forth. Should go much faster now.
I am glad that you are happy with the '850. Are you active on any other bands besides 160? 1947 was a good year, but I don't have an antenna for that yet!
I like to hang on 80-40-20 and 10 meters. Working on 15m loop wire to put up, maybe today or tomorrow. I think 15 is going to be THE band, as we head out of the sunspot max. and it's so BIG! 450 Khz... I intend to do CW and some AM work there.
The DSP100 makes great AM! I couldn't believe it when I heard an 850 with DSP100 on am on 75m one night. The guy was using it and a linear, about 400watts carrier, and it sounded better than most of the old vintage AM rigs!
It will also allow you to experiment with high-fi SSB. Give a listen down on 14.178 plus or minus 5khz, you will spot them when they are on... sounds like broadcast stations...
bill
Kevin Hunter <kj558@...> wrote: Hello All. I am a new member to this group and I wanted to introduce myself. My name is Kevin Hunter - KA?VKF. I live just northwest of Springfield, MO.

I have owned my TS-850SAT since November of 2001. I have owned the DSP-100 unit for it for less than a month and have not had the opportunity to use it much yet. I have the IF-232C also, but don't use the computer control very much. I still use paper logs.

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This radio has been an unbelievable improvement over the TS-140S that I was running before.

I operate mostly on 1.947 in the evenings between 6 and 10 PM CST (Shift work permitting). There are a few TS-850S users that operate there. Please drop by and visit.

73,
Kevin

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 120. Re: [TS-850] Battery inspection?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-08 00:30:40 UTC
From: Bill Leahy KOZL
Topic: 113  Message: 120

I would not place any material under the battery, there is no clearance.
If you are not comfortable working with the modern boards, get help. They are very difficult to unsolder from, because the holes are very small and the solder does not "wick out" like it did in the older rigs.
Bill
Paul Manuel <k4pdm@...> wrote:
--- Bill Leahy KOZL <coorsbill@...> wrote:
>
> Don, you can just remove the radio covers, and two of the four screws
> holding the front panel; rock it forward, and measure the mem battery.
> I think the top of the battery is plus, the other voltmeter lead can go
> to any convenient ground. If the battery is 3.0 volts or greater, and
> not showing any white powder or "hair", you are good for another year.
> The PC board underneath the '850 mem battery is easily damaged.
Is it possible to place some sort of insulated material, such as a small sheet of plastic, under the battery and maybe prevent damage to the lower board?

I am asking this, having never looked in there.

73,
Paul K4PDM

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[Non-text portions of this message have been removed]

# 121. IF filters for RTTY/data

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-08 12:25:29 UTC
From: bud Thompson
Topic: 121  Message: 121

Deltona, FL
Friday Mar 8 0700EST

My Kenwood TS-850S/AT has been in 24/7 ARQ BBS/MBO service since April 1993. The Winlink software MBO runs PacTOR-I, PacTOR-II, and CLOVER on HF. (It was AMTOR (APLINK) in the early days!) The program group controls the radio to scan frequencies (QRGs) on 80, 40, 30, 20, 15, 12, and 10 meters. This scanning includes putting the radio on the right QRG, selecting mode, filters, and slope tuning selections.

What a radio.

In 1997 the 850 was out of service for about six weeks during our move from Las Vegas to Central Florida, and has been back to Kenwood once for about two weeks. A couple of lightning surges resulted in out-of-service repairs taking less than a week each.

What a radio.

Like my 16-year old cat, I will really miss my 850 when it finally fails beyond affordable repair. Quite frankly, there is not an Amateur Radio HF rig on the market today that I would consider purchasing for this service, but I realize I will have to eventually.. don't know how much longer my cat "Ropie" will last either. (Sigh)

In FSK mode, the natural selection of narrow filters uses the 500hz filters in both the 8.83KHz and 465Khz IFs in the 850. In FSK mode the 850 makes an excellent choice for data modes: 170hz or 200hz shift RTTY, AMTOR, PacTOR-I, and G-TOR. Some transceivers (including my Yaesu FT-900) do not include FSK mode and AFSK must be used for data modes with the transceiver in SSB mode.

Data modes these days, including those above, are run by many in AFSK LSB mode rather than FSK mode. In addition, CLOVER, PacTOR-II, and PSK must be run in AFSK. The US standard is to use LSB for data modes except for PSK which is standardized on USB (at least on 20m).

In many transceivers, including the 850, using AFSK complicates matters for having an IF that is nominally 500hz wide. In FSK mode, the receive injection frequency for the 455KHz IF is offset to accommodate the narrow filter. This is not the case in either USB or LSB modes. So far as I know, most folks using the 850 in LSB AFSK use the 500Hz filter in the 8.83 IF and the wide (2.7Khz) filter in the 455Khz IF. I also crank in the LOW Slope tuning to about the 10 o'clock position which seems to help w/o making the tunnel too narrow.

A new mode, PacTOR-III is about ready to emerge. This will require 2.4Khz of bandwidth - so hang on to the Kenwood 850s!

73,
bud Thompson, N0IA
n0ia@n0ia.#cenfl.fl.usa.noam

Note the obvious absence of Packet in the list. For several technical reasons, packet is not as applicable to HF as the other data modes. While it is possible to use FSK and the narrow filters settings for Packet (depending on the data controller), most packet BBS operators use AFSK. (Do not turn this into a thread on what data mode is best for HF - I'll not respond on this reflector.)

sk

# 122. Re: Hello_From_KAØVKF

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-08 16:10:43 UTC
From: kj558
Topic: 117  Message: 122

Thanks for the note Bill. The only other place that I operate very much is 40 CW, usually in the novice band. I have worked some AM on 10 meters, but not since I've had the 850. Maybe we can work out a sched and try to some AM to put the DSP-100 "through the paces". I have a spectrum analyzer borrowed and have been learning quite a bit while trying different filters and DSP settings.

Kevin

--- In TS-850@y..., Bill Leahy KOZL <coorsbill@y...> wrote:
>
> Hi Kevin! Welcome to the group and thanks for your patience, it took about a week to get your first post up due to Yahoo problems and so forth. Should go much faster now.
> I am glad that you are happy with the '850. Are you active on any other bands besides 160? 1947 was a good year, but I don't have an antenna for that yet!
> I like to hang on 80-40-20 and 10 meters. Working on 15m loop wire to put up, maybe today or tomorrow. I think 15 is going to be THE band, as we head out of the sunspot max. and it's so BIG! 450 Khz... I intend to do CW and some AM work there.
> The DSP100 makes great AM! I couldn't believe it when I heard an 850 with DSP100 on am on 75m one night. The guy was using it and a linear, about 400watts carrier, and it sounded better than most of the old vintage AM rigs!
> It will also allow you to experiment with high-fi SSB. Give a listen down on 14.178 plus or minus 5khz, you will spot them when they are on... sounds like broadcast stations...
> bill
> Kevin Hunter <kj558@y...> wrote: Hello All. I am a new member to this group and I wanted to introduce myself. My name is Kevin Hunter - KAØVKF. I live just northwest of Springfield, MO.
>
> I have owned my TS-850SAT since November of 2001. I have owned the DSP-100 unit for it for less than a month and have not had the opportunity to use it much yet. I have the IF-232C also, but don't use the computer control very much. I still use paper logs.
>
> I have installed an Inrad #103 400 Hz CW filter in the 8.83 section. The single filter is quite adequate for my, mostly novice band, CW operation. I have the Inrad 2.1 kHz SSB filter in the 455 kHz section.
>
> This radio has been an unbelievable improvement over the TS-140S that I was running before.

>
> I operate mostly on 1.947 in the evenings between 6 and 10 PM CST
(Shift work permitting). There are a few TS-850S users that operate
there. Please drop by and visit.
>
> 73,
> Kevin
>
>
> [Non-text portions of this message have been removed]
>
>
>
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> THANKS FOR USING TS-850@Y...
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> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
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> John 14:6 "I am the way, and the truth, and the life; no one comes
to the Father but through Me.
>
>
> ---------------------------------
> Do You Yahoo!?
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>
> [Non-text portions of this message have been removed]

# 123. Re: [TS-850] Re:_Hello_From_KAØVKF

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-08 23:07:43 UTC
From: Bill Leahy KOZL
Topic: 117  Message: 123

I love CW on 40, probably because my elmer did too and that was my first exposure to ham radio.
We can sked sometime if we can get some time out from our busy schedules!
b
kj558 <kj558@...> wrote: Thanks for the note Bill. The only other place that I operate very much is 40 CW, usually in the novice band. I have worked some AM on 10 meters, but not since I've had the 850. Maybe we can work out a sched and try to some AM to put the DSP-100 "through the paces". I have a spectrum analyzer borrowed and have been learning quite a bit while trying different filters and DSP settings.

Kevin

--- In TS-850@y..., Bill Leahy KOZL <coorsbill@y...> wrote:
>
> Hi Kevin! Welcome to the group and thanks for your patience, it took about a week to get your first post up due to Yahoo problems and so forth. Should go much faster now.
> I am glad that you are happy with the '850. Are you active on any other bands besides 160? 1947 was a good year, but I don't have an antenna for that yet!
> I like to hang on 80-40-20 and 10 meters. Working on 15m loop wire to put up, maybe today or tomorrow. I think 15 is going to be THE band, as we head out of the sunspot max. and it's so BIG! 450 Khz... I intend to do CW and some AM work there.
> The DSP100 makes great AM! I couldn't believe it when I heard an 850 with DSP100 on am on 75m one night. The guy was using it and a linear, about 400watts carrier, and it sounded better than most of the old vintage AM rigs!
> It will also allow you to experiment with high-fi SSB. Give a listen down on 14.178 plus or minus 5khz, you will spot them when they are on... sounds like broadcast stations...
> bill
> Kevin Hunter <kj558@y...> wrote: Hello All. I am a new member to this group and I wanted to introduce myself. My name is Kevin Hunter - KA?VKF. I live just northwest of Springfield, MO.
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>
> This radio has been an unbelievable improvement over the TS-140S
that I was running before.
>
> I operate mostly on 1.947 in the evenings between 6 and 10 PM CST
(Shift work permitting). There are a few TS-850S users that operate
there. Please drop by and visit.
>
> 73,
> Kevin
>
>
> [Non-text portions of this message have been removed]
>
>
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> John 14:6 "I am the way, and the truth, and the life; no one comes
to the Father but through Me.
>
>
> ---------------------------------
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> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 124. Re: [TS-850] IF filters for RTTY/data

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-08 23:05:06 UTC
From: Bill Leahy KOZL
Topic: 121  Message: 124

HF packet really sucks badly.. I tried it a couple of times, and went back to Baudot! <g>

73

bill

bud says:

Note the obvious absence of Packet in the list. For several technical
reasons, packet is not as applicable to HF as the other data modes. While
it is possible to use FSK and the narrow filters settings for Packet
(depending on the data controller), most packet BBS operators use AFSK. (Do
not turn this into a thread on what data mode is best for HF - I'll not
respond on this reflector.)

sk

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through Me.

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[Non-text portions of this message have been removed]

# 125. New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-09 19:03:32 UTC
From: TS-850@yahoogroups.com
Topic: 51  Message: 125

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850
group.

File : /RM1.jpg
Uploaded by : ve7avv <ve7avv@...>
Description : RM-1 Remote Function Keyboard

You can access this file at the URL

http://groups.yahoo.com/group/TS-850/files/RM1.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ve7avv <ve7avv@...>

# 126. New Files added

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-09 19:19:04 UTC
From: ve7avv
Topic: 126  Message: 126

Recently I acquired what I think is a very handy Kenwood accessory; the RM-1 Remote Function Interface. It connects to the ACC 3 position on the rear of the TS-850. While this item did not appear in the original TS-850 brochure, I understand it was used for both the 850 and 950. Given I couldn't find a picture of the device on the Internet, I thought you might like to have a look at it.

If you have the DRU installed in your TS-850 -- and use it often like I do, you will really like the functionality and ease of use provided by the addition of the RM-1. The keys on the RM-1 are larger than the equivalent keys on the radio and checking your split frequency has never been easier than with the interface attached.

I have added a photo of the interface itself and another showing the relationship to the keys on the face of the TS-850. Both images are now located in the Files section of our group area on the YahooGroups server.

73 de Paul, VE7AVV
StoneyGround Station
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
"All email from this address is checked by Norton AntiVirus 2002"

# 127. Re: [TS-850] New Files added

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-09 19:48:46 UTC
From: Bill Leahy KOZL
Topic: 126  Message: 127

Thanks Paul, never knew about this!
bill
ve7avv <ve7avv@...> wrote: Recently I acquired what I think is a very handy Kenwood accessory;
the RM-1 Remote Function Interface. It connects to the ACC 3 position on the rear of the TS-850. While this item did not appear in the original TS-850 brochure, I understand it was used for both the 850 and 950. Given I couldn't find a picture of the device on the Internet, I thought you might like to have a look at it.

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I have added a photo of the interface itself and another showing the relationship to the keys on the face of the TS-850. Both images are now located in the Files section of our group area on the YahooGroups server.

73 de Paul, VE7AVV
StoneyGround Station
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
"All email from this address is checked by Norton AntiVirus 2002"

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[Non-text portions of this message have been removed]

# 128. RTTY 101?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-09 21:59:09 UTC
From: Paul B. Peters, VE7AVV
Topic: 128  Message: 128

I am interested in learning about RTTY using my RigBlaster Plus soundcard interface. Recent posts' to our group suggest to me their are some experts amongst us that might be able to get me (and others) started in what I think might be a very exciting new operating mode.

If there is someone within our group, I would really appreciate a response that outlines how I go about setting up to tx RTTY using a soundcard interface. I already have the MMTTY program and I've been able to successfully rx RTTY -- but I want to take the next step and feel I need a little help. When I say "setting up to tx RTTY" I really mean step 1, step 2 and so on. Real basic information please.

Any and all responses would be greatly appreciated.

73 de Paul, VE7AVV
StoneyGround Station
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
"All email from this address is checked by Norton AntiVirus 2002"

# 129. Re: [TS-850] RTTY 101?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-10 04:40:29 UTC
From: Bill Leahy KOZL
Topic: 128  Message: 129

Paul I will be glad to work through this with you, as I am doing the same thing. I have got two of the interface boards for the project in QST and am starting to accumulate parts for it. It's a real good interface, better I think than the Rigblaster unit.
b
"Paul B. Peters, VE7AVV" <ve7avv@...> wrote: I am interested in learning about RTTY using my RigBlaster Plus soundcard
interface. Recent posts' to our group suggest to me their are some experts amongst us that might be able to get me (and others) started in what I think might be a very exciting new operating mode.

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---
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[Non-text portions of this message have been removed]

## 130. New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-09 19:04:55 UTC
From: TS-850@yahoogroups.com
Topic: 51  Message: 130

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850
group.

File : /RM1_interface.jpg
Uploaded by : ve7avv <ve7avv@...>
Description : RM-1 Remote interface key comparisons

You can access this file at the URL

http://groups.yahoo.com/group/TS-850/files/RM1_interface.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ve7avv <ve7avv@...>

# 131. TS-850S adding 455 kHz filter- option slot already filled

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-12 18:04:48 UTC
From: Don
Topic: 131  Message: 131

Hello group,
Is anyone familiar with a method for adding more crystal filters to a TS-850S beyond the number of option slots?

As a result of a package deal, I will own not only the planned-for International Radio 2.1 kHz wide SSB filter for the 8.83 MHz IF, but also the INRAD 2.1 kHz wide SSB filter for the 455 kHz IF.

I already have in place, the 400 Hz filters at 8.83 and 455 so there are no open slots for adding the 2.1 kHz filter at 455 kHz. I believe the pair of 2.1 kHz filters operating together would be an asset for SSB.

Here, for comments, please, is a tentative method, not fully verified on the schematics:
The concept is sharing the 455 kHz option slot between 2 filters.
At present, during CW and SSB operation, I can use the 455 filter pushbutton to select the 455 kHz 400Hz wide option filter. If I simply add a pair of miniature SPDT latching relays to swap the same slot between that filter and the new 2.1 kHz filter, all should be OK, right?

The relays would sit on a board that plugs into the option slot. The two filters would be mounted nearby.
I would have to make a manual pair of momentary buttons available for operating the added relays or I could add some internal hard wired logic (plus drivers to handle the relays). The logic would be "if the 400 Hz 8.83 MHz filter is selected (IC3, pin 4), unlatch the relays and if the 2.1 kHz 8.83 MHz filter is selected (IC3, pin 8)then latch the relays.

Would there be a big advantage to doing diode type switching instead of relays?

All feedback is appreciated.
Thank You,
Don WN9V

# 132. Re: [TS-850] TS-850S adding 455 kHz filter- option slot already filled

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-13 00:53:39 UTC
From: Bill Leahy KOZL
Topic: 131  Message: 132

Don, I would just copy the circuitry used to switch the filters in the 850, and use a dpdt switch.
b
Don <WN9V@...> wrote: Hello group,
Is anyone familiar with a method for adding more crystal filters to a TS-850S beyond the number of option slots?

As a result of a package deal, I will own not only the planned-for International Radio 2.1 kHz wide SSB filter for the 8.83 MHz IF, but also the INRAD 2.1 kHz wide SSB filter for the 455 kHz IF.

I already have in place, the 400 Hz filters at 8.83 and 455 so there are no open slots for adding the 2.1 kHz filter at 455 kHz. I believe the pair of 2.1 kHz filters operating together would be an asset for SSB.

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Thank You,
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[Non-text portions of this message have been removed]

# 133. Re: [TS-850] TS-850S adding 455 kHz filter- option slot already filled

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-13 02:04:16 UTC
From: Don
Topic: 131  Message: 133

Bill,
That's true. Using just a manually operated dpdt switch
would work. I would prefer to keep down the length of the
filter wiring. I will investigate mounting the switch at
the option plug-in site and actuating the switch with a push
rod. This would resemble the way an internal switch is
actuated from the front panel of an oscilloscope.
Thank you for the suggestion,
Don

Bill Leahy KOZL wrote:
>
> Don, I would just copy the circuitry used to switch the filters in the 850, and use a
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Don <WN9V@...> wrote: Hello group,
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> filters to a TS-850S beyond the number of option slots?
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>

# 134. Re: [TS-850] TS-850S adding 455 kHz filter- option slot already filled

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-13 13:43:35 UTC
From: Bill Leahy KOZL
Topic: 131  Message: 134

Don, the switch would only be handling some DC
switching current for the diodes, not the IF signals.
You can mount the add'l filters on some perf board
near the IF and RF units, there should be enough room
there. As I said, use the existing circuit and build
an "extension". Then you can put a small switch on
the back of the rig to select them.
b

--- Don <WN9V@...> wrote:
> Bill,
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# 135. Re: [TS-850] TS-850S adding 455 kHz filter- option slot already filled

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-13 19:34:23 UTC
From: Don
Topic: 131  Message: 135

Bill,
Thank you for the further explanation.
When you mentioned a DPDT switch, I pictured the switch itself switching in and out both ends of two filters, which would not the best approach.

Yes, I agree diode switching is more practical. I believe all the required diode switching at the 455 kHz IF area can be managed by one SPDT switch.

Putting a small switch on the back of the radio sounded good to me until I tried to reach back there. The 850 is fairly deep, so I will probably install the added switch in a small outboard box secured to the side or bottom of the cabinet by one of the cover screws . Whatever it takes to avoid drilling holes or damaging the finish.

Here is the scheme as I now visualize it. The radio as-is applies DC to wire 45A, enabling the existing 455 kHz filter option slot (which contains a 400 Hz filter). In the 455 kHz IF which already has that one filter, I am adding only one more filter (a 2.1 kHz filter). The plan is to build one new filter option slot (a board with 4 resistors, 4 capacitors, 2 diodes and the new filter), just duplicating the circuitry of the existing option slot. Then add a SPDT switch that will select which one option slot (existing or new ) will receive the DC from wire 45A. Taking the switching DC from existing logic-driven wire 45A rather than from a steady DC supply will prevent paralleling multiple crystal filters at the 455 kHz level. In the future if a third or more optional filters are desired, more boards could be added and the SPDT switch could be replaced by a multi position selector switch.

How does that sound. Am I following you OK now Bill?

There is another method that would un-install more easily but would take more parts and room to build. I mention it here for completeness and I do not think you are suggesting this method. I do not favor this method as it adds an additional layer of diode switching and puts more components into whatever signal path is active. In order to make use of two optional filters at 455kHz, it would involve building 2 new filter boards. Most of the connections for the installation would be by plugging wires into the existing filter option slot. The diode switched selection between

the two new boards would be directed by a new SPDT toggle
switch which has a constant voltage as its source.

Again, thank you for the input. It is lots easier to
review and revise now before it is installed.
--Don WN9V

Bill Leahy KOZL wrote:
>
> Don, the switch would only be handling some DC
> switching current for the diodes, not the IF signals.
> You can mount the add'l filters on some perf board
> near the IF and RF units, there should be enough room
> there. As I said, use the existing circuit and build
> an "extension". Then you can put a small switch on
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> --- Don <WN9V@...> wrote:
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# 136. Re: [TS-850] TS-850S adding 455 kHz filter- option slot already filled

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-13 21:41:50 UTC
From: Bill Leahy KOZL
Topic: 131  Message: 136

Man you should have been an engineer! That sounds
perfect.

bill

--- Don <WN9V@...> wrote:
> Bill,
> Thank you for the further explanation.
> When you mentioned a DPDT switch, I pictured the
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# 137. Re: [TS-850] TS-850S adding 455 kHz filter- option slot already filled

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-14 03:26:32 UTC
From: Don
Topic: 131  Message: 137

Bill, Thank you for the assistance.

Now that we have done the design concept, I found the
"TS-850S IRFT Filter Installation Instructions"
The instructions mention "ask about our TS-850 Fourth filter
kit"
I will let the group know what I find when I investigate
INRAD's kit.
--Don

Bill Leahy KOZL wrote:
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> Man you should have been an engineer! That sounds
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> > Yes, I agree diode switching is more practical. I
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# 138. Re: [TS-850] TS-850S adding 455 kHz filter- option slot already filled

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-14 18:26:19 UTC
From: Bill Leahy KOZL
Topic: 131  Message: 138

WOW I didn't know they had one! This is going to make
it too easy, Don!

bill

--- Don <WN9V@...> wrote:
> Bill, Thank you for the assistance.
>
> Now that we have done the design concept, I found
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> "TS-850S IRFT Filter Installation Instructions"
> The instructions mention "ask about our TS-850
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> > > applies DC to wire 45A, enabling the existing
> 455
> > > kHz filter
> > > option slot (which contains a 400 Hz filter).
> In
> > > the 455
> > > kHz IF which already has that one filter, I am
> > > adding only
> > > one more filter (a 2.1 kHz filter). The plan is
> to
> > > build
> > > one new filter option slot (a board with 4
> > > resistors, 4
> > > capacitors, 2 diodes and the new filter), just
> > > duplicating
> > > the circuitry of the existing option slot. Then
> add
> > > a SPDT
> > > switch that will select which one option slot
> > > (existing or
> > > new ) will receive the DC from wire 45A. Taking
> the
> > > switching DC from existing logic-driven wire 45A
> > > rather than
> > > from a steady DC supply will prevent paralleling
> > > multiple
> > > crystal filters at the 455 kHz level. In the
> future
> > > if a
> > > third or more optional filters are desired,
> more
> > > boards

> > > could be added and the SPDT switch could be
> replaced
> > > by a
> > > multi position selector switch.
> > >
> > > How does that sound. Am I following you OK now
> > > Bill?
> > >
> > > There is another method that would un-install
> more
> > > easily
> > > but would take more parts and room to build. I
> > > mention it
> > > here for completeness and I do not think you are
> > > suggesting
> > > this method. I do not favor this method as it
> adds
> > > an
> > > additional layer of diode switching and puts
> more
> > > components
> > > into whatever signal path is active. In order
> to
> > > make use
> > > of two optional filters at 455kHz, it would
> involve
> > > building
> > > 2 new filter boards. Most of the connections
> for
> > > the
> > > installation would be by plugging wires into the
> > > existing
> > > filter option slot. The diode switched
> selection
> > > between
> > > the two new boards would be directed by a new
> SPDT
> > > toggle
> > > switch which has a constant voltage as its
> source.
> > >
> > > Again, thank you for the input. It is lots
> easier
> > > to
> > > review and revise now before it is installed.
> > > --Don WN9V
> > >
> > > Bill Leahy KOZL wrote:
> > > >
> > > > Don, the switch would only be handling some DC

> > > > switching current for the diodes, not the IF
> > > signals.
> > > > You can mount the add'l filters on some perf
> board
> > > > near the IF and RF units, there should be
> enough
> > > room
> > > > there. As I said, use the existing circuit
> and
> > > build
> > > > an "extension". Then you can put a small
> switch
> > > on
> > > > the back of the rig to select them.
> > > > b
> > > >
> > > > --- Don <WN9V@...> wrote:
> > > > > Bill,
> > > > > That's true. Using just a manually operated
> > > dpdt
> > > > > switch
> > > > > would work. I would prefer to keep down the
> > > length
> > > > > of the
> > > > > filter wiring. I will investigate mounting
> the
> > > > > switch at
> > > > > the option plug-in site and actuating the
> switch
> > > > > with a push
> > > > > rod. This would resemble the way an
> internal
> > > switch
> > > > > is
> > > > > actuated from the front panel of an
> > > oscilloscope.
> > > > > Thank you for the suggestion,
> > > > > Don
> > > > >
> > > > > Bill Leahy KOZL wrote:
> > > > >
> > > > > > Don, I would just copy the circuitry used
> to
> > > > > switch the filters in the 850, and use a
> dpdt
> > > > > switch.
> > > > > > b
> > > > >
> > > > > Don <WN9V@...> wrote: Hello group,
> > > > > > Is anyone familiar with a method for

> adding
> > > more
> > > > > crystal
> > > > > > filters to a TS-850S beyond the number of
> > > option
> > > > > slots?
> > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > > > =====
> > > > > John 14:6 "I am the way, and the truth, and
> the
>
=== message truncated ===

=====
John 14:6 "I am the way, and the truth, and the life; no one comes to the Father but through Me.

_____
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## 139. yahoo groups downtime

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-14 21:12:29 UTC
From: coorsbill
Topic: 139  Message: 139

Please note that Yahoo Groups (and this group's mailing) WILL BE DOWN FOR MAINTENANCE from 9PM (PST) Friday night through sometime Sunday morning.

I am not sure what happens to posts to the group in that time frame. You may want to avoid sending emails to the group to avoid re-typing them if they don't post.

God bless, y'all have a great weekend.

73,

Bill

# 140. Re: TS-850S adding 455 kHz filter- option slot already filled

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-15 02:52:54 UTC
From: ve3mij
Topic: 131  Message: 140

Hi Guys,

I'm new to the group, and this is the first message I've read... So pardon me, if I make a faux pas!

I just read through this, and the first thought that comes to mind, is, if you are looking to put in a 400 Hz and 1.2 KHz filters on 455, then chances are pretty good, you will be selecting only certain filters on 8.83 to go with either selection.

So... If you tap off the selection voltages on the 8.83's you could use this with some simple logic to select, either the 400 or 1.2 automatically, when you have that "500" filter selection on 455.

e.g. CW filter on 8.83 selects 400Hz on 455 when "500" indicator is lit, and wider filters select 1.2K.

A diode from 8.83-270 and a diode from 8.83-500 drives a voltage SPDT relay that directs power from the 455-500 selection to the N/C (1.2K) or N/O (400) filters.

Just a thought...

Jim VE3MIJ

--- In TS-850@y..., Bill Leahy KOZL <coorsbill@y...> wrote:
> WOW I didn't know they had one! This is going to make
> it too easy, Don!
>
> bill
>
> --- Don <WN9V@A...> wrote:
> > Bill, Thank you for the assistance.
> >
> > Now that we have done the design concept, I found
> > the
> > "TS-850S IRFT Filter Installation Instructions"
> > The instructions mention "ask about our TS-850
> > Fourth filter
> > kit"
> > I will let the group know what I find when I
> > investigate
> > INRAD's kit.
> > --Don
> >
> >
> >

> > Bill Leahy KOZL wrote:
> > >
> > > Man you should have been an engineer! That sounds
> > > perfect.
> > >
> > > bill
> > >
> > > --- Don <WN9V@A...> wrote:
> > > > Bill,
> > > > Thank you for the further explanation.
> > > > When you mentioned a DPDT switch, I pictured the
> > > > switch
> > > > itself switching in and out both ends of two
> > > > filters, which
> > > > would not the best approach.
> > > >
> > > > Yes, I agree diode switching is more practical.
> > I
> > > > believe
> > > > all the required diode switching at the 455 kHz
> > IF
> > > > area can
> > > > be managed by one SPDT switch.
> > > >
> > > > Putting a small switch on the back of the radio
> > > > sounded good
> > > > to me until I tried to reach back there. The
> > 850 is
> > > > fairly
> > > > deep, so I will probably install the added
> > switch in
> > > > a small
> > > > outboard box secured to the side or bottom of
> > the
> > > > cabinet by
> > > > one of the cover screws . Whatever it takes to
> > > > avoid
> > > > drilling holes or damaging the finish.
> > > >
> > > > Here is the scheme as I now visualize it. The
> > radio
> > > > as-is
> > > > applies DC to wire 45A, enabling the existing
> > 455
> > > > kHz filter
> > > > option slot (which contains a 400 Hz filter).
> > In
> > > > the 455
> > > > kHz IF which already has that one filter, I am
> > > > adding only

> > > > one more filter (a 2.1 kHz filter). The plan is
> > to
> > > > build
> > > > one new filter option slot (a board with 4
> > > > resistors, 4
> > > > capacitors, 2 diodes and the new filter), just
> > > > duplicating
> > > > the circuitry of the existing option slot. Then
> > add
> > > > a SPDT
> > > > switch that will select which one option slot
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> > > > new ) will receive the DC from wire 45A. Taking
> > the
> > > > switching DC from existing logic-driven wire 45A
> > > > rather than
> > > > from a steady DC supply will prevent paralleling
> > > > multiple
> > > > crystal filters at the 455 kHz level. In the
> > future
> > > > if a
> > > > third or more optional filters are desired,
> > more
> > > > boards
> > > > could be added and the SPDT switch could be
> > replaced
> > > > by a
> > > > multi position selector switch.
> > > >
> > > > How does that sound. Am I following you OK now
> > > > Bill?
> > > >
> > > > There is another method that would un-install
> > more
> > > > easily
> > > > but would take more parts and room to build. I
> > > > mention it
> > > > here for completeness and I do not think you are
> > > > suggesting
> > > > this method. I do not favor this method as it
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> > > > an
> > > > additional layer of diode switching and puts
> > more
> > > > components
> > > > into whatever signal path is active. In order
> > to
> > > > make use
> > > > of two optional filters at 455kHz, it would
> > involve

> > > > building
> > > > 2 new filter boards. Most of the connections
> > for
> > > > the
> > > > installation would be by plugging wires into the
> > > > existing
> > > > filter option slot. The diode switched
> > selection
> > > > between
> > > > the two new boards would be directed by a new
> > SPDT
> > > > toggle
> > > > switch which has a constant voltage as its
> > source.
> > > >
> > > > Again, thank you for the input. It is lots
> > easier
> > > > to
> > > > review and revise now before it is installed.
> > > > --Don WN9V
> > > >
> > > > Bill Leahy KOZL wrote:
> > > > >
> > > > > Don, the switch would only be handling some DC
> > > > > switching current for the diodes, not the IF
> > > > signals.
> > > > > You can mount the add'l filters on some perf
> > board
> > > > > near the IF and RF units, there should be
> > enough
> > > > room
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> > and
> > > > build
> > > > > an "extension". Then you can put a small
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> > > > on
> > > > > the back of the rig to select them.
> > > > > b
> > > > >
> > > > > --- Don <WN9V@A...> wrote:
> > > > > > Bill,
> > > > > > That's true. Using just a manually operated
> > > > dpdt
> > > > > > switch
> > > > > > would work. I would prefer to keep down the
> > > > length
> > > > > > of the
> > > > > > filter wiring. I will investigate mounting
> > the

> > > > > > switch at
> > > > > > the option plug-in site and actuating the
> > switch
> > > > > > with a push
> > > > > > rod. This would resemble the way an
> > internal
> > > > switch
> > > > > > is
> > > > > > actuated from the front panel of an
> > > > oscilloscope.
> > > > > > Thank you for the suggestion,
> > > > > > Don
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> > > > > > Bill Leahy KOZL wrote:
> > > > > >
> > > > > > Don, I would just copy the circuitry used
> > to
> > > > > > switch the filters in the 850, and use a
> > dpdt
> > > > > > switch.
> > > > > > b
> > > > > >
> > > > > > Don <WN9V@A...> wrote: Hello group,
> > > > > > Is anyone familiar with a method for
> > adding
> > > > more
> > > > > > crystal
> > > > > > filters to a TS-850S beyond the number of
> > > > option
> > > > > > slots?
> > > > > >
> > > > > >
> > > > > >
> > > > > >
> > > > > > =====
> > > > > > John 14:6 "I am the way, and the truth, and
> > the
> >
> > === message truncated ===
>
>
> =====
> John 14:6 "I am the way, and the truth, and the life; no one comes
to the Father but through Me.
>
> _____
> Do You Yahoo!?
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> http://sports.yahoo.com/

# 141. Hi all...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-15 04:06:37 UTC
From: ve3mij
Topic: 141  Message: 141

Hi to the group, I see there have been some introductions, so I'll do my bit.

I've had my TS-850S/AT new since Jan '91 (If I recall correctly - I got it about a month after it was released) and have been pleased with it for years. Events in my life (like a daughter being born) took me away from it in the last 5-6 years, but I'm pleased to be playing again.

In the early '90's I wrote some remote software under windows, called KMIJ that drives the 850/450, but it seems to have disappeared from the web in the last few years.

For a living, I sell Test & Measurement equipment. Presently for Tek, used to sell for HP (the YL still works at HP, she's VE3ECE) and was an Inspector with Canada's Dept. of Communications at one point. (That's like an FCC Engineer.)

So in short, I'm a radio geek, and looking forward to enjoying the group!

The best part... When I think how long I've had this rig, and I still love it!

Jim VE3MIJ

P.S. I see my post on the filters was redundant, as the idea to use the 8.83 filters to help select the 455, was already mentioned near the beginning of the thread. Next time, I'll read the whole thread!!

# 142. RE: [TS-850] Hi all...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-15 04:22:10 UTC
From: Federico Batarse
Topic: 141  Message: 142

hi , this is federico, xe2nlm, at monterrey mexico, the next week , will be
a very importan reunion of the principals of the goverments around the world
here.
you can see on the tv the mountains arround my city and this is why the name
Monterrey, ( king of montains)

about the software i have some of them:
KENTROL, ken, ts-850 , rigmanager, etc, etc, and i hope you can send to the
group the software you have write.
kind regards and glad to hear another happy owner of a TS-850

federico
xe2nlm

----- Original Message -----
From: ve3mij <ve3mij@...>
To: <TS-850@yahoogroups.com>
Sent: Thursday, March 14, 2002 10:06 PM
Subject: [TS-850] Hi all...

> Hi to the group, I see there have been some introductions, so I'll do
> my bit.
>
> I've had my TS-850S/AT new since Jan '91 (If I recall correctly - I
> got it about a month after it was released) and have been pleased
> with it for years. Events in my life (like a daughter being born)
> took me away from it in the last 5-6 years, but I'm pleased to be
> playing again.
>
> In the early '90's I wrote some remote software under windows, called
> KMIJ that drives the 850/450, but it seems to have disappeared from
> the web in the last few years.
>
> For a living, I sell Test & Measurement equipment. Presently for Tek,
> used to sell for HP (the YL still works at HP, she's VE3ECE) and was
> an Inspector with Canada's Dept. of Communications at one point.
> (That's like an FCC Engineer.)
>
> So in short, I'm a radio geek, and looking forward to enjoying the
> group!
>
> The best part... When I think how long I've had this rig, and I
> still love it!
>
> Jim VE3MIJ
>

> P.S. I see my post on the filters was redundant, as the idea to use
> the 8.83 filters to help select the 455, was already mentioned near
> the beginning of the thread. Next time, I'll read the whole thread!!
>
>
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 143. Re: [TS-850] Hi all...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-15 06:34:20 UTC
From: Don
Topic: 141  Message: 143

Jim,
Responding to your P.S.
I was happy to read your suggested method of
filter switching. Thank you for contributing.
True, the method of filter selection method was
similar, but not identical. Also, your concept
demonstrates that with a bit of cleverness we can
make mods that avoid addition of switches or
buttons. That TS-850 front panel has enough
buttons on it already!
--Don WN9V

ve3mij wrote:
>
> Hi to the group, I see there have been some introductions, so I'll do
> my bit.....................
.....................
> Jim VE3MIJ
>
> P.S. I see my post on the filters was redundant, as the idea to use
> the 8.83 filters to help select the 455, was already mentioned near
> the beginning of the thread. Next time, I'll read the whole thread!!
>

# 144. Alternative to the IF-232C

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-15 05:41:03 UTC
From: Mike Flowers
Topic: 144  Message: 144

Hello Group!

I've just joined the group. The name's Mike and the call is K6MKF. I've been a TS-850SAT user since I bought mine new back in 1991. I think it's a terrific rig, and have had much success with mine.

I'm just starting to get interested in PC control of the TS-850. I know this is probably old news to the group, but I have found an alternative to the IF-232C at: http://www.sarrio.com/sarrio/w1gee.html look for 'Model LCU-3K for Kenwood (IF-232C Compatible)'

I would be interested to learn what software is available for controlling a TS-850.

Thanks!

Mike, K6MKF
http://pages.sbcglobal.net/msflowers96/ham.htm

_____
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# 145. Re: [TS-850] Alternative to the IF-232C

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-15 12:44:52 UTC
From: ve3mij@rogers.com
Topic: 144  Message: 145

Hi Mike, welcome to the group! I've been in for a day... So I'm as new as you.

I built an interface a number of years back, using a MAX232 chip and an opto-isolator which functionally and electrically is similar to the Kenwood interface. The advantage of using the opto-isolator(or coupler) is there is complete electrical isolation between the rig and PC. Many of the circuits I see out there, don't do this. I don't expect that it's a real problem, but at least it's one less place for a ground loop!

Out of curiosity, I've put an order in at the local Ham store for an MFJ interface, which I suspect is similar to the one you've got here. MFJ-5383K Kenwood int. Cable 6P din-DB-25/DB9 is how it's labelled on their site, but I don't see a picture there. They want $49.95 US for it, so there's another alternative for 10 bucks more.

Jim VE3MIJ

----- Original Message -----
From: "Mike Flowers" <mflowers99@...>
To: <TS-850@yahoogroups.com>
Cc: <k6mkf@...>
Sent: Friday, March 15, 2002 12:41 AM
Subject: [TS-850] Alternative to the IF-232C

> Hello Group!
>
> I've just joined the group. The name's Mike and the
> call is K6MKF. I've been a TS-850SAT user since I
> bought mine new back in 1991. I think it's a terrific
> rig, and have had much success with mine.
>
> I'm just starting to get interested in PC control of
> the TS-850. I know this is probably old news to the
> group, but I have found an alternative to the IF-232C
> at: http://www.sarrio.com/sarrio/w1gee.html look for
> 'Model LCU-3K for Kenwood (IF-232C Compatible)'
>
> I would be interested to learn what software is
> available for controlling a TS-850.
>
> Thanks!
>
> Mike, K6MKF
> http://pages.sbcglobal.net/msflowers96/ham.htm
>

> _____
> Do You Yahoo!?
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> http://sports.yahoo.com/
>
>
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 146. Re: [TS-850] Hi all...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-15 12:47:31 UTC
From: ve3mij@rogers.com
Topic: 141  Message: 146

Well Don, I was so intrigued by what you were trying to do, it got me looking at filters myself and thinking that I might try it one day.. So thanks for the idea!

Jim ve3mij
----- Original Message -----
From: "Don" <WN9V@...>
To: <TS-850@yahoogroups.com>
Sent: Friday, March 15, 2002 1:34 AM
Subject: Re: [TS-850] Hi all...

> Jim,
> Responding to your P.S.
> I was happy to read your suggested method of
> filter switching. Thank you for contributing.
> True, the method of filter selection method was
> similar, but not identical. Also, your concept
> demonstrates that with a bit of cleverness we can
> make mods that avoid addition of switches or
> buttons. That TS-850 front panel has enough
> buttons on it already!
> --Don WN9V
>
> ve3mij wrote:
> >
> > Hi to the group, I see there have been some introductions, so I'll do
> > my bit.....................
> ...................
> > Jim VE3MIJ
> >
> > P.S. I see my post on the filters was redundant, as the idea to use
> > the 8.83 filters to help select the 455, was already mentioned near
> > the beginning of the thread. Next time, I'll read the whole thread!!
> >
>
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 147. New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-15 12:59:33 UTC
From: TS-850@yahoogroups.com
Topic: 51  Message: 147

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850
group.

File : /KMIJ3v24.zip
Uploaded by : ve3mij <ve3mij@...>
Description : KMIJ TS-850/450 remote windows software

You can access this file at the URL

http://groups.yahoo.com/group/TS-850/files/KMIJ3v24.zip

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ve3mij <ve3mij@...>

# 148. Re: [TS-850] Hi all...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-15 18:53:44 UTC
From: Bill Leahy KOZL
Topic: 141  Message: 148

Don't worry too much about following the thread back,
heck I even forgot what we were talking about!

I like to set my filters on 500 hz, center on 14.060
and listen for qrp ops... now i have a new computer
birdy there that i am going to have to get my elmer
fudd toroid shotgun after.. hi

b

--- ve3mij <ve3mij@...> wrote:
> Hi to the group, I see there have been some
> introductions, so I'll do
> my bit.
>
> I've had my TS-850S/AT new since Jan '91 (If I
> recall correctly - I
> got it about a month after it was released) and have
> been pleased
> with it for years. Events in my life (like a
> daughter being born)
> took me away from it in the last 5-6 years, but I'm
> pleased to be
> playing again.
>
> In the early '90's I wrote some remote software
> under windows, called
> KMIJ that drives the 850/450, but it seems to have
> disappeared from
> the web in the last few years.
>
> For a living, I sell Test & Measurement equipment.
> Presently for Tek,
> used to sell for HP (the YL still works at HP, she's
> VE3ECE) and was
> an Inspector with Canada's Dept. of Communications
> at one point.
> (That's like an FCC Engineer.)
>
> So in short, I'm a radio geek, and looking forward
> to enjoying the
> group!
>
> The best part... When I think how long I've had
> this rig, and I
> still love it!

>
> Jim VE3MIJ
>
> P.S. I see my post on the filters was redundant, as
> the idea to use
> the 8.83 filters to help select the 455, was already
> mentioned near
> the beginning of the thread. Next time, I'll read
> the whole thread!!
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>

=====
John 14:6 "I am the way, and the truth, and the life; no one comes to the Father but through Me.

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# 149. Re: [TS-850] Alternative to the IF-232C

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-15 18:59:27 UTC
From: Bill Leahy KOZL
Topic: 144  Message: 149

Thanks for the post and the link, Mike. I put it in
the "bookmarks" section of TS-850 group on Yahoo.

You guys can add links yourselves, it will save me
some time of posting them.

Thanks and 73!

b

--- Mike Flowers <mflowers99@...> wrote:
> Hello Group!
>
> I've just joined the group. The name's Mike and the
> call is K6MKF. I've been a TS-850SAT user since I
> bought mine new back in 1991. I think it's a
> terrific
> rig, and have had much success with mine.
>
> I'm just starting to get interested in PC control of
> the TS-850. I know this is probably old news to the
> group, but I have found an alternative to the
> IF-232C
> at: http://www.sarrio.com/sarrio/w1gee.html look for
> 'Model LCU-3K for Kenwood (IF-232C Compatible)'
>
> I would be interested to learn what software is
> available for controlling a TS-850.
>
> Thanks!
>
> Mike, K6MKF
> http://pages.sbcglobal.net/msflowers96/ham.htm
>
> _____
> Do You Yahoo!?
> Yahoo! Sports - live college hoops coverage
> http://sports.yahoo.com/
>
>

=====
John 14:6 "I am the way, and the truth, and the life; no one comes to the Father but
through Me.

---
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Yahoo! Sports - live college hoops coverage
http://sports.yahoo.com/

# 150. Re: [kw-radio] DRU-1 & DRU-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-15 21:09:43 UTC
From: Bill Leahy KOZL
Topic: 150  Message: 150

Hi Kev.

Finally got to look up your info.

The DRU-1 was an option for the TM-241 2M mobile!
This is amazing, since it is about a year or so older
than the design for the 850, but they must have
decided to share technology.

The DRU-2 is meant for the 850, and the only apparent
difference is the lack of a "beep amplifier" on the
DRU-2 as the 850 doesn't need that.

As for the low playback audio, can't speak to that as
the audio output circuits for the DRU-1 and -2 seem to
be indentical.

b
--- Kevin Hunter <kjh@...> wrote:
> Thanks Bill. I am suspicious that mine may
> actually be a DRU-2 that was in the wrong box. I'd
> appreciate any info you could find.
>
> Kevin
>
> ----- Original Message -----
> From: Bill Leahy KOZL
> To: Kevin Hunter
> Sent: Saturday, March 09, 2002 8:21 AM
> Subject: Re: [kw-radio] DRU-1 & DRU-2
>
>
> Very interesting, Kevin! I didn't know they were
> at all compatible.
>
> I will see if I have schematics of both in my
> shop, to compare output circuits.
>
> Kevin Hunter <kj558@...> wrote:
>
> I am trying to sort out the differences between
> the Kenwood DRU-1 and the DRU-2 Digital Voice
> Recording Units. The one I have was in a box that
> labeled it as a DRU-1. The part number on the board
> is X42-3010-00. Can anyone tell if the DRU-1 and
> the DRU-2 look alike. I ask because my owner's

> manual with my TS-850S shows a picture of the DRU-2,
> and it looks exactly like what I have. I have put
> the one I have in my TS-850S and it functions as the
> manual says it should. The only difficulty that
> I'm having is that the audio level voice messages
> are too low. The unit works fine on CW.
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> I'm trying to figure out if the audio is low
> because it is the wrong board, or if there is an
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> Thanks & 73,
> Kevin Hunter - KA?VKF
> Willard, MO
> kj558@...
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> [Non-text portions of this message have been
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> kenwoodradio-unsubscribe@egroups.com
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Do You Yahoo!?
Yahoo! Sports - live college hoops coverage
http://sports.yahoo.com/

# 151. Re: [TS-850] Re: [kw-radio] DRU-1 & DRU-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-15 22:09:22 UTC
From: Jim ve3mij
Topic: 150  Message: 151

Hi Bill and Kevin,

I have a DRU-1 in my 850(same part number on the board as yours, Kevin), it's been there since I bought the rig in '91 as the DRU-2 wasn't in the store yet. I'm not aware of an audio adjustment for it. It works fine, but I agree the audio is lower than it could be. It's one of those things that I thought I should do something with, one day, but never really pursued.

Looking at the schematic, I suppose there could be a little more gain found, but not a lot...

Table 1 in the Circuit Description shows VOA and VOB both low, for Received audio recording. I don't recall being able to record off air. Did I skip a page in the owners manual 10 years ago?

Now to go off on a tangent, I look at IC2, the LR4102N and it looks to be a DTMF chip (decoder, I think) on the board! I never noticed that, until I saw the colorburst Xtal (3.58 MHz). The service manual doesn't even discuss it in the Circuit Description, so I wonder if it's put to work in another rig? Actually, now I look at it, there's also an unused connector labelled DTMF CONTROL on the schematic.

It looks like Kenwood intended to use the board in different rigs, in different ways. Might be nice if there's some way to use this hardware.

Getting back to the audio out, Bill, I wonder if a higher gain transistor could be slipped into the Q6 location. Or is it our Q6 just doesn't have the gain of others (if everyone else is fine with their levels), and Kevin and I are just lucky...

Jim ve3mij

----- Original Message -----
From: "Bill Leahy KOZL" <coorsbill@...>
To: "Kevin Hunter" <kj558@...>
Cc: <ts-850@...>
Sent: Friday, March 15, 2002 4:09 PM
Subject: [TS-850] Re: [kw-radio] DRU-1 & DRU-2

> Hi Kev.
>
> Finally got to look up your info.
>
> The DRU-1 was an option for the TM-241 2M mobile!
> This is amazing, since it is about a year or so older
> than the design for the 850, but they must have
> decided to share technology.

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> The DRU-2 is meant for the 850, and the only apparent
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> DRU-2 as the 850 does'n't need that.
>
> As for the low playback audio, can't speak to that as
> the audio output circuits for the DRU-1 and -2 seem to
> be indentical.
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> --- Kevin Hunter <kjh@...> wrote:
> > Thanks Bill. I am suspicious that mine may
> > actually be a DRU-2 that was in the wrong box. I'd
> > appreciate any info you could find.
> >
> > Kevin
> >
> > ----- Original Message -----
> > From: Bill Leahy KOZL
> > To: Kevin Hunter
> > Sent: Saturday, March 09, 2002 8:21 AM
> > Subject: Re: [kw-radio] DRU-1 & DRU-2
> >
> >
> > Very interesting, Kevin! I didn't know they were
> > at all compatible.
> >
> > I will see if I have schematics of both in my
> > shop, to compare output circuits.
> >
> > Kevin Hunter <kj558@...> wrote:
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> > I am trying to sort out the differences between
> > the Kenwood DRU-1 and the DRU-2 Digital Voice
> > Recording Units. The one I have was in a box that
> > labeled it as a DRU-1. The part number on the board
> > is X42-3010-00. Can anyone tell if the DRU-1 and
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> > manual with my TS-850S shows a picture of the DRU-2,
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> > are too low. The unit works fine on CW.
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> > I'm trying to figure out if the audio is low
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> > adjustment somewhere.
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> > Thanks & 73,

> > Kevin Hunter - KA?VKF
> > Willard, MO
> > kj558@...
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> > [Non-text portions of this message have been
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>
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 152. Re: [TS-850] Re: [kw-radio] DRU-1 & DRU-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-15 22:21:40 UTC
From: Jim ve3mij
Topic: 150  Message: 152

Just had a look at a TM241 operating manual, as it uses the same DRU-1. It has capability to remotely control the voice recording using DTMF and to record off air.

I suppose Kenwood couldn't see the use of those functions on an HF rig!

Jim ve3mij
----- Original Message -----
From: "Bill Leahy KOZL" <coorsbill@...>
To: "Kevin Hunter" <kj558@...>
Cc: <ts-850@...>
Sent: Friday, March 15, 2002 4:09 PM
Subject: [TS-850] Re: [kw-radio] DRU-1 & DRU-2

> Hi Kev.
>
> Finally got to look up your info.
>
> The DRU-1 was an option for the TM-241 2M mobile!
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> be indentical.
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> --- Kevin Hunter <kjh@...> wrote:
> > Thanks Bill. I am suspicious that mine may
> > actually be a DRU-2 that was in the wrong box. I'd
> > appreciate any info you could find.
> >
> > Kevin
> >
> > ----- Original Message -----
> > From: Bill Leahy KOZL
> > To: Kevin Hunter
> > Sent: Saturday, March 09, 2002 8:21 AM
> > Subject: Re: [kw-radio] DRU-1 & DRU-2
> >
> >

> > Very interesting, Kevin! I didn't know they were
> > at all compatible.
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> > I will see if I have schematics of both in my
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> > I'm trying to figure out if the audio is low
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> > Willard, MO
> > kj558@...
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> > [Non-text portions of this message have been
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> ------------------------------------------------------------------------
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> _____________________________________________
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>
>
> THANKS FOR USING TS-850@...
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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 153. Re: [TS-850] Re: [kw-radio] DRU-1 & DRU-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-15 21:47:30 UTC
From: Mike Flowers
Topic: 150  Message: 153

Hi Kevin,

I would suspect that the DRU-1 has a lower level of
output than the DRU-2. There are mods to the TS-850
to attenuate the high output level of the DRU-2 to
match microphone levels, but I see no mention of the
DRU-2 level being too low.

For example:

http://www.mods.dk/mods.php3?model=ts-850&radio=kenwood

73,

Mike, K6MKF
--- Bill Leahy KOZL <coorsbill@...> wrote:
> Hi Kev.
>
> Finally got to look up your info.
>
> The DRU-1 was an option for the TM-241 2M mobile!
> This is amazing, since it is about a year or so
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> than the design for the 850, but they must have
> decided to share technology.
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> difference is the lack of a "beep amplifier" on the
> DRU-2 as the 850 does'n't need that.
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> As for the low playback audio, can't speak to that
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> --- Kevin Hunter <kjh@...> wrote:
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> > actually be a DRU-2 that was in the wrong box.
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> > appreciate any info you could find.
> >
> > Kevin
> >

> > ----- Original Message -----
> > From: Bill Leahy KOZL
> > To: Kevin Hunter
> > Sent: Saturday, March 09, 2002 8:21 AM
> > Subject: Re: [kw-radio] DRU-1 & DRU-2
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> > Very interesting, Kevin! I didn't know they
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> > I will see if I have schematics of both in my
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> > Kevin Hunter <kj558@...> wrote:
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> > [Non-text portions of this message have been

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> > Do You Yahoo!?
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# 154. Re: [TS-850] Re: [kw-radio] DRU-1 & DRU-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-16 01:16:04 UTC
From: Bill Leahy KOZL
Topic: 150  Message: 154

You could find a higher gain device, but much easier
to change a resistor to get more gain if needed.

b

--- Jim ve3mij <ve3mij@...> wrote:
> Hi Bill and Kevin,
>
> I have a DRU-1 in my 850(same part number on the
> board as yours, Kevin),
> it's been there since I bought the rig in '91 as the
> DRU-2 wasn't in the
> store yet. I'm not aware of an audio adjustment for
> it. It works fine, but
> I agree the audio is lower than it could be. It's
> one of those things that
> I thought I should do something with, one day, but
> never really pursued.
>
> Looking at the schematic, I suppose there could be a
> little more gain found,
> but not a lot...
>
> Table 1 in the Circuit Description shows VOA and VOB
> both low, for Received
> audio recording. I don't recall being able to
> record off air. Did I skip a
> page in the owners manual 10 years ago?
>
> Now to go off on a tangent, I look at IC2, the
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> DTMF chip (decoder, I think) on the board! I never
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> higher gain transistor
> could be slipped into the Q6 location. Or is it our
> Q6 just doesn't have
> the gain of others (if everyone else is fine with
> their levels), and Kevin
> and I are just lucky...
>
> Jim ve3mij
>
> ----- Original Message -----
> From: "Bill Leahy KOZL" <coorsbill@...>
> To: "Kevin Hunter" <kj558@...>
> Cc: <ts-850@...>
> Sent: Friday, March 15, 2002 4:09 PM
> Subject: [TS-850] Re: [kw-radio] DRU-1 & DRU-2
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> > > From: Bill Leahy KOZL
> > > To: Kevin Hunter
> > > Sent: Saturday, March 09, 2002 8:21 AM
> > > Subject: Re: [kw-radio] DRU-1 & DRU-2
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> > > [Non-text portions of this message have been
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# 155. Re: [TS-850] Re: [kw-radio] DRU-1 & DRU-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-16 17:56:00 UTC
From: Bill Leahy KOZL
Topic: 150  Message: 155

Only problem with HF DTMF control is you have to be
right on someone's frequency to get the right tones!
Not a problem with FM but with SSB, it would be a
miracle to be close enough! hi hi

b

--- Jim ve3mij <ve3mij@...> wrote:
> Just had a look at a TM241 operating manual, as it
> uses the same DRU-1. It
> has capability to remotely control the voice
> recording using DTMF and to
> record off air.
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> I suppose Kenwood couldn't see the use of those
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> Jim ve3mij
> ----- Original Message -----
> From: "Bill Leahy KOZL" <coorsbill@...>
> To: "Kevin Hunter" <kj558@...>
> Cc: <ts-850@...>
> Sent: Friday, March 15, 2002 4:09 PM
> Subject: [TS-850] Re: [kw-radio] DRU-1 & DRU-2
>
>
> > Hi Kev.
> >
> > Finally got to look up your info.
> >
> > The DRU-1 was an option for the TM-241 2M mobile!
> > This is amazing, since it is about a year or so
> older
> > than the design for the 850, but they must have
> > decided to share technology.
> >
> > The DRU-2 is meant for the 850, and the only
> apparent
> > difference is the lack of a "beep amplifier" on
> the
> > DRU-2 as the 850 does'n't need that.
> >
> > As for the low playback audio, can't speak to that
> as
> > the audio output circuits for the DRU-1 and -2

> seem to
> > be indentical.
> >
> > b
> > --- Kevin Hunter <kjh@...> wrote:
> > > Thanks Bill. I am suspicious that mine may
> > > actually be a DRU-2 that was in the wrong box.
> I'd
> > > appreciate any info you could find.
> > >
> > > Kevin
> > >
> > > ----- Original Message -----
> > > From: Bill Leahy KOZL
> > > To: Kevin Hunter
> > > Sent: Saturday, March 09, 2002 8:21 AM
> > > Subject: Re: [kw-radio] DRU-1 & DRU-2
> > >
> > >
> > > Very interesting, Kevin! I didn't know they
> were
> > > at all compatible.
> > >
> > > I will see if I have schematics of both in my
> > > shop, to compare output circuits.
> > >
> > > Kevin Hunter <kj558@...> wrote:
> > >
> > > I am trying to sort out the differences
> between
> > > the Kenwood DRU-1 and the DRU-2 Digital Voice
> > > Recording Units. The one I have was in a box
> that
> > > labeled it as a DRU-1. The part number on the
> board
> > > is X42-3010-00. Can anyone tell if the DRU-1
> and
> > > the DRU-2 look alike. I ask because my
> owner's
> > > manual with my TS-850S shows a picture of the
> DRU-2,
> > > and it looks exactly like what I have. I have
> put
> > > the one I have in my TS-850S and it functions as
> the
> > > manual says it should. The only difficulty
> that
> > > I'm having is that the audio level voice
> messages
> > > are too low. The unit works fine on CW.

> > >
> > > I'm trying to figure out if the audio is low
> > > because it is the wrong board, or if there is an
> > > adjustment somewhere.
> > >
> > > Thanks & 73,
> > > Kevin Hunter - KA?VKF
> > > Willard, MO
> > > kj558@...
> > >
> > >
> > >
> > >
> > >
> > > [Non-text portions of this message have been
> > > removed]
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> > > Yahoo! Groups Sponsor
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> > >
> > >
> > > John 14:6 "I am the way, and the truth, and
> the
> > > life; no one comes to the Father but through Me.
> > >
> > >
> > >
> > >
> > >
> > >
> >
>
---
> ----

> > > Do You Yahoo!?
> > > Try FREE Yahoo! Mail - the world's greatest
> free
> > > email!
> > >
> >
> >
> > =====
> > John 14:6 "I am the way, and the truth, and the
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> Father but through Me.
> >
> > _____
> > Do You Yahoo!?
> > Yahoo! Sports - live college hoops coverage
> > http://sports.yahoo.com/
> >
> >
> > THANKS FOR USING TS-850@...
> >
> > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> >
> >
>
>

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_____
Do You Yahoo!?
Yahoo! Sports - live college hoops coverage
http://sports.yahoo.com/

# 156. Re: [TS-850] TS-850S adding 455 kHz filter- option slot already filled

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-17 03:52:24 UTC
From: Don
Topic: 131  Message: 156

Bill,
Right you are, Too easy:

I received the following response from the emailed
inquiry to INRAD regarding the 4th filter kit.

"We no longer sell the 4th filter kit. It was a
substitution for the ceramic
SSB filter with one of our 2.1s."

So now we know that the most likely vendor does
not sell such a kit.

So much for taking the easy route. After my
filters arrive and I clear off some other projects
on the bench, I will proceed with the revision and
let the group know how it goes.

Don WN9V

Bill Leahy KOZL wrote:
>
> WOW I didn't know they had one! This is going to make
> it too easy, Don!
>
> bill
>
> --- Don <WN9V@...> wrote:
> > Bill, Thank you for the assistance.
> >
> > Now that we have done the design concept, I found
> > the
> > "TS-850S IRFT Filter Installation Instructions"
> > The instructions mention "ask about our TS-850
> > Fourth filter
> > kit"
> > I will let the group know what I find when I
> > investigate
> > INRAD's kit.
> > --Don
> >
> >
> >
> > Bill Leahy KOZL wrote:
> > >
> > > Man you should have been an engineer! That sounds

> > > perfect.
> > >
> > > bill
> > >
> > > --- Don <WN9V@...> wrote:
> > > > Bill,
> > > > Thank you for the further explanation.
> > > > When you mentioned a DPDT switch, I pictured the
> > > > switch
> > > > itself switching in and out both ends of two
> > > > filters, which
> > > > would not the best approach.
> > > >
> > > > Yes, I agree diode switching is more practical.
> > I
> > > > believe
> > > > all the required diode switching at the 455 kHz
> > IF
> > > > area can
> > > > be managed by one SPDT switch.
> > > >
> > > > Putting a small switch on the back of the radio
> > > > sounded good
> > > > to me until I tried to reach back there. The
> > 850 is
> > > > fairly
> > > > deep, so I will probably install the added
> > switch in
> > > > a small
> > > > outboard box secured to the side or bottom of
> > the
> > > > cabinet by
> > > > one of the cover screws . Whatever it takes to
> > > > avoid
> > > > drilling holes or damaging the finish.
> > > >
> > > > Here is the scheme as I now visualize it. The
> > radio
> > > > as-is
> > > > applies DC to wire 45A, enabling the existing
> > 455
> > > > kHz filter
> > > > option slot (which contains a 400 Hz filter).
> > In
> > > > the 455
> > > > kHz IF which already has that one filter, I am
> > > > adding only
> > > > one more filter (a 2.1 kHz filter). The plan is
> > to
> > > > build

> > > > one new filter option slot (a board with 4
> > > > resistors, 4
> > > > capacitors, 2 diodes and the new filter), just
> > > > duplicating
> > > > the circuitry of the existing option slot. Then
> > add
> > > > a SPDT
> > > > switch that will select which one option slot
> > > > (existing or
> > > > new ) will receive the DC from wire 45A. Taking
> > the
> > > > switching DC from existing logic-driven wire 45A
> > > > rather than
> > > > from a steady DC supply will prevent paralleling
> > > > multiple
> > > > crystal filters at the 455 kHz level. In the
> > future
> > > > if a
> > > > third or more optional filters are desired,
> > more
> > > > boards
> > > > could be added and the SPDT switch could be
> > replaced
> > > > by a
> > > > multi position selector switch.
> > > >
> > > > How does that sound. Am I following you OK now
> > > > Bill?
> > > >
> > > > There is another method that would un-install
> > more
> > > > easily
> > > > but would take more parts and room to build. I
> > > > mention it
> > > > here for completeness and I do not think you are
> > > > suggesting
> > > > this method. I do not favor this method as it
> > adds
> > > > an
> > > > additional layer of diode switching and puts
> > more
> > > > components
> > > > into whatever signal path is active. In order
> > to
> > > > make use
> > > > of two optional filters at 455kHz, it would
> > involve
> > > > building
> > > > 2 new filter boards. Most of the connections
> > for

> > > > the
> > > > installation would be by plugging wires into the
> > > > existing
> > > > filter option slot. The diode switched
> > selection
> > > > between
> > > > the two new boards would be directed by a new
> > SPDT
> > > > toggle
> > > > switch which has a constant voltage as its
> > source.
> > > >
> > > > Again, thank you for the input. It is lots
> > easier
> > > > to
> > > > review and revise now before it is installed.
> > > > --Don WN9V
> > > >
> > > > Bill Leahy KOZL wrote:
> > > > >
> > > > > Don, the switch would only be handling some DC
> > > > > switching current for the diodes, not the IF
> > > > signals.
> > > > > You can mount the add'l filters on some perf
> > board
> > > > > near the IF and RF units, there should be
> > enough
> > > > room
> > > > > there. As I said, use the existing circuit
> > and
> > > > build
> > > > > an "extension". Then you can put a small
> > switch
> > > > on
> > > > > the back of the rig to select them.
> > > > > b
> > > > >
> > > > > --- Don <WN9V@...> wrote:
> > > > > > Bill,
> > > > > > That's true. Using just a manually operated
> > > > dpdt
> > > > > > switch
> > > > > > would work. I would prefer to keep down the
> > > > length
> > > > > > of the
> > > > > > filter wiring. I will investigate mounting
> > the
> > > > > > switch at
> > > > > > the option plug-in site and actuating the
> > switch

> > > > > > with a push
> > > > > > rod. This would resemble the way an
> > internal
> > > > switch
> > > > > > is
> > > > > > actuated from the front panel of an
> > > > oscilloscope.
> > > > > > Thank you for the suggestion,
> > > > > > Don
> > > > > >
> > > > > > Bill Leahy KOZL wrote:
> > > > > > >
> > > > > > > Don, I would just copy the circuitry used
> > to
> > > > > > switch the filters in the 850, and use a
> > dpdt
> > > > > > switch.
> > > > > > > > b
> > > > > > >
> > > > > > Don <WN9V@...> wrote: Hello group,
> > > > > > > Is anyone familiar with a method for
> > adding
> > > > more
> > > > > > crystal
> > > > > > > filters to a TS-850S beyond the number of
> > > > option
> > > > > > slots?
> > > > > > >
> > > > > > >
> > > > > >
> > > > >
> > > > > =====
> > > > > John 14:6 "I am the way, and the truth, and
> > the
> >
> === message truncated ===
>
> =====
> John 14:6 "I am the way, and the truth, and the life; no one comes to the Father but
through Me.
>
> ~-------------------------------------------------~
> Do You Yahoo!?
> Yahoo! Sports - live college hoops coverage
> http://sports.yahoo.com/
>
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 157. Re: [TS-850] TS-850S adding 455 kHz filter- option slot already filled

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-18 14:57:09 UTC
From: Bill Leahy KOZL
Topic: 131  Message: 157

OK Don, looking forward to hearing from you.

I have used the 1S1587 diode very successfully in RF
switching applications, let me know if you need some.

bill

--- Don <WN9V@...> wrote:
> Bill,
> Right you are, Too easy:
>
> I received the following response from the emailed
> inquiry to INRAD regarding the 4th filter kit.
>
> "We no longer sell the 4th filter kit. It was a
> substitution for the ceramic
> SSB filter with one of our 2.1s."
>
> So now we know that the most likely vendor does
> not sell such a kit.
>
> So much for taking the easy route. After my
> filters arrive and I clear off some other projects
> on the bench, I will proceed with the revision and
> let the group know how it goes.
>
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>
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> > > > > --Don WN9V
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=== message truncated ===

=====
John 14:6 "I am the way, and the truth, and the life; no one comes to the Father but through Me.

_____
Do You Yahoo!?
Yahoo! Sports - live college hoops coverage
http://sports.yahoo.com/

# 158. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-18 19:35:16 UTC
From: Jim ve3mij
Topic: 51  Message: 158

Hi all,

The file that I uploaded on Friday is the last version of the KMIJ windows software for remote control of the TS-850/450. I suspect it must be about 6 years old now, but still holds up pretty well. It's a 16-bit application, so will run in almost any version of windows from 3.1 on, including NT/win2000. I haven't checked it on ME or XP, but I assume all should work well there too.

When I started the software, I was doing it only for myself, for fun, and because there was nothing else for the 850 at the time. Recently someone enquired about it, which got me digging it out and looking at the code again. I hope to bring it into the 32-bit world sometime this year, however, I don't know that it will affect the performance, as it already goes faster than the 850 can talk on the communications port.

One thought I've had, which I would like feedback on, is to put the hooks into it, so data can be retrieved into XL for logging. I'm a rag chewer, not a contester, so logs haven't been a big deal for me. My thoughts here, are, anyone who wants to design a log to fit their own custom desires, can modify XL quite easily. It also would make the logs very transportable between applications.

If you are trying software to run your 850 through the serial port, please give it a try. All comments are much appreciated. Positive and Negative! ( The negative ones, help me make it better!)

73 Jim

P.S. The help file is out of date. I no longer charge for registration, so if you want it registered, send me an email. I only did this at one point, as there were some folks who wanted my time for free, and I didn't have it to spare! I will update the help file eventually and make it freeware.

----- Original Message -----
From: <TS-850@yahoogroups.com>
To: <TS-850@yahoogroups.com>
Sent: Friday, March 15, 2002 7:59 AM
Subject: [TS-850] New file uploaded to TS-850

>
> Hello,
>
> This email message is a notification to let you know that
> a file has been uploaded to the Files area of the TS-850
> group.
>

> File : /KMIJ3v24.zip
> Uploaded by : ve3mij <ve3mij@...>
> Description : KMIJ TS-850/450 remote windows software
>
> You can access this file at the URL
>
> http://groups.yahoo.com/group/TS-850/files/KMIJ3v24.zip
>
> To learn more about file sharing for your group, please visit
>
> http://help.yahoo.com/help/us/groups/files
>
> Regards,
>
> ve3mij <ve3mij@...>
>
>
>
>
>
>
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 159. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-23 20:12:47 UTC
From: Bill
Topic: 51  Message: 159

Thanks for that, Jim. I will check it out!

I have often wanted to be able to "back up" my memory
channels, in case I have to change mem battery...

b

--- Jim ve3mij <ve3mij@...> wrote:
> Hi all,
>
> The file that I uploaded on Friday is the last
> version of the KMIJ windows
> software for remote control of the TS-850/450. I
> suspect it must be about
> 6 years old now, but still holds up pretty well.
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> well there too.
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> me. My thoughts here,
> are, anyone who wants to design a log to fit their
> own custom desires, can
> modify XL quite easily. It also would make the logs
> very transportable
> between applications.

>
> If you are trying software to run your 850 through
> the serial port, please
> give it a try. All comments are much appreciated.
> Positive and Negative!
> ( The negative ones, help me make it better!)
>
> 73 Jim
>
> P.S. The help file is out of date. I no longer
> charge for registration, so
> if you want it registered, send me an email. I only
> did this at one point,
> as there were some folks who wanted my time for
> free, and I didn't have it
> to spare! I will update the help file eventually
> and make it freeware.
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> From: <TS-850@yahoogroups.com>
> To: <TS-850@yahoogroups.com>
> Sent: Friday, March 15, 2002 7:59 AM
> Subject: [TS-850] New file uploaded to TS-850
>
>
> >
> > Hello,
> >
> > This email message is a notification to let you
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> > a file has been uploaded to the Files area of the
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> >
> > File : /KMIJ3v24.zip
> > Uploaded by : ve3mij <ve3mij@...>
> > Description : KMIJ TS-850/450 remote windows
> software
> >
> > You can access this file at the URL
> >
> >
>
http://groups.yahoo.com/group/TS-850/files/KMIJ3v24.zip
> >
> > To learn more about file sharing for your group,
> please visit
> >
> > http://help.yahoo.com/help/us/groups/files
> >

> > Regards,
> >
> > ve3mij <ve3mij@...>
> >
> >
> >
> >
> >
> >
> >
> > THANKS FOR USING TS-850@...
> >
> > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> >
> >
>
>

=====
John 14:6 "I am the way, and the truth, and the life; no one comes to the Father but through Me.

---
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Yahoo! Movies - coverage of the 74th Academy Awards?
http://movies.yahoo.com/

# 160. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-24 12:32:15 UTC
From: Jim ve3mij
Topic: 51  Message: 160

Bill, If you're curious how it looks, you can run it in "demo" mode with no serial connection.

You can also see screen prints at http://members.rogers.com/ve3mij/

73 mij

----- Original Message -----
From: "Bill" <coorsbill@...>
To: <TS-850@yahoogroups.com>
Sent: Saturday, March 23, 2002 3:12 PM
Subject: Re: [TS-850] New file uploaded to TS-850

> Thanks for that, Jim. I will check it out!
>
> I have often wanted to be able to "back up" my memory
> channels, in case I have to change mem battery...
>
> b
>
> --- Jim ve3mij <ve3mij@...> wrote:
> > Hi all,
> >
> > The file that I uploaded on Friday is the last
> > version of the KMIJ windows
> > software for remote control of the TS-850/450.

# 161. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-24 19:00:21 UTC
From: Federico Batarse
Topic: 51  Message: 161

HI, this is federico, xe2nlm
just to say to jim the software is great, i realy apriciate it.

kind regards to the group.
federico
xe2nlm

----- Original Message -----
From: "Jim ve3mij" <ve3mij@...>
To: <TS-850@yahoogroups.com>
Sent: Sunday, March 24, 2002 6:32 AM
Subject: Re: [TS-850] New file uploaded to TS-850

> Bill, If you're curious how it looks, you can run it in "demo" mode with
no
> serial connection.
>
> You can also see screen prints at http://members.rogers.com/ve3mij/
>
> 73 mij
>
> ----- Original Message -----
> From: "Bill" <coorsbill@...>
> To: <TS-850@yahoogroups.com>
> Sent: Saturday, March 23, 2002 3:12 PM
> Subject: Re: [TS-850] New file uploaded to TS-850
>
>
> > Thanks for that, Jim. I will check it out!
> >
> > I have often wanted to be able to "back up" my memory
> > channels, in case I have to change mem battery...
> >
> > b
> >
> > --- Jim ve3mij <ve3mij@...> wrote:
> > > Hi all,
> > >
> > > The file that I uploaded on Friday is the last
> > > version of the KMIJ windows
> > > software for remote control of the TS-850/450.
>
>
>
> THANKS FOR USING TS-850@...
>

> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 162. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-24 21:51:06 UTC
From: Jim ve3mij
Topic: 51  Message: 162

Hey Thanks Federico! It's always nice to get a complement.

For your information, you can record new .wav files, so KMIJ will speak the numbers in whatever language you like. Just create new ones with the same names and replace the existing ones in the KMIJ directory. When you use the Voice Button or Keypad, KMIJ will use the files you created. (Then you don't have to listen to me say them...)

Jim ve3mij

----- Original Message -----
From: "Federico Batarse" <fbatarse@...>
To: <TS-850@yahoogroups.com>
Sent: Sunday, March 24, 2002 2:00 PM
Subject: Re: [TS-850] New file uploaded to TS-850

> HI, this is federico, xe2nlm
> just to say to jim the software is great, i realy apriciate it.
>
> kind regards to the group.
> federico
> xe2nlm
>

# 163. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-25 13:25:43 UTC
From: Bill
Topic: 51  Message: 163

Jim, you have gone international.

Soon you will be a large, global software Ham Radio
control company, driving a cool Porshe to work
whenever you feel like it! hi hi!

b

--- Federico Batarse <fbatarse@...> wrote:
> HI, this is federico, xe2nlm
> just to say to jim the software is great, i realy
> apriciate it.
>
> kind regards to the group.
> federico
> xe2nlm
>
> ----- Original Message -----
> From: "Jim ve3mij" <ve3mij@...>
> To: <TS-850@yahoogroups.com>
> Sent: Sunday, March 24, 2002 6:32 AM
> Subject: Re: [TS-850] New file uploaded to TS-850
>
>
> > Bill, If you're curious how it looks, you can run
> it in "demo" mode with
> no
> > serial connection.
> >
> > You can also see screen prints at
> http://members.rogers.com/ve3mij/
> >
> > 73 mij
> >
> > ----- Original Message -----
> > From: "Bill" <coorsbill@...>
> > To: <TS-850@yahoogroups.com>
> > Sent: Saturday, March 23, 2002 3:12 PM
> > Subject: Re: [TS-850] New file uploaded to TS-850
> >
> >
> > > Thanks for that, Jim. I will check it out!
> > >
> > > I have often wanted to be able to "back up" my
> memory
> > > channels, in case I have to change mem

> battery...
> > >
> > > b
> > >
> > > --- Jim ve3mij <ve3mij@...> wrote:
> > > > Hi all,
> > > >
> > > > The file that I uploaded on Friday is the last
> > > > version of the KMIJ windows
> > > > software for remote control of the
> TS-850/450.
> >
> >
> >
> > THANKS FOR USING TS-850@...
> >
> > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> >
> >
>
>

=====
Romans 8:5 Those who live according to the sinful nature have their minds set on what that nature desires; but those who live in accordance with the Spirit have their minds set on what the Spirit desires.

~-------------------------------------------------~
Do You Yahoo!?
Yahoo! Movies - coverage of the 74th Academy Awards?
http://movies.yahoo.com/

# 164. TS-850S A/T Receiver Sensitivity

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-25 17:36:14 UTC
From: bud Thompson
Topic: 164  Message: 164

Deltona, FL
Monday March 25 1200EST

Problem: Low receiver sensitivity on Kenwood TS-850S A/T

My trusty friend may have taken a hit when I tested another HF radio too close! The receiver sensitivity on 20M and above definitely changed by "ear" after I ran some tests with another radio on an adjacent antenna! That said, when I made some digital links the next morning the signal levels on 20 meters seemed to be about nominal! Maybe it has been this way a long time and I didn't notice? Maybe it is intermittent?

Measurements with my service monitor indicate the following microvolt signal levels required for indicated S-meter readings. (CW mode, 2.7khz filters.)

Frequency S3 S6 S9
MHz microvolts required

1.900 12.5 27.8 74.0
3.600 8.0 21.0 54.0
7.100 7.7 18.8 51.3
10.100 10.1 25.8 67.0
14.100 19.6 60.1 130
18.100 23.3 63.0 158
21.100 41.8 106 293
24.900 60.0 153 408
28.100 66.0 166 4500

I'd guess there is a problem above 30 meters, but would appreciate anyone's experience in this matter. I doubt these numbers above 30 meters are nominal.

Also, if these numbers are not nominal- let me know where to start in with my 500w iron and l5 pound sledge hammer. I have a service manual and test gear. If memory serves, there are some switching/steering diodes as well as relays that direct signals from band-to-band and BPF to BPF - With some hints, I might get lucky.

NOTE: If I'm going inside this dark dungeon where most men fear to tread, I have another investigation to make - see the next entry.

Thanks, and
73

bud Thompson N0IA

# 165. TS-850S A/T Auto Tuner Problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-25 17:36:36 UTC
From: bud Thompson
Topic: 165  Message: 165

Deltona, FL
Monday March 25 1215EST

Problem: Internal antenna tuner will not seek/match on 30M.

This problem definitely happened in front of my very eyes about two months ago. I was on 30M in a digital autotransfer using the antenna tuner when the local power company provided a quick power down/up transition over less than 2 seconds. The 12vdc buss is on a UPS, so the radio did not turn "off", but there was no RF power output until I disengaged the autotuner.

Now the tuner will not seek on any antenna on 30M. All other bands appear nominal.

I'm about ready to dive in with that 500w iron and 15 pound sledge.

What component do I hit first?

thanks,

bud Thompson N0IA

[Non-text portions of this message have been removed]

# 166. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-25 18:47:26 UTC
From: Jim ve3mij
Topic: 51  Message: 166

Yeah Bill, I'll buy one for you and everyone in the group as soon as it happens! hi hi

Let's see, so far I've been waiting 11 years!

mij
----- Original Message -----
From: "Bill" <coorsbill@...>
To: <TS-850@yahoogroups.com>
Sent: Monday, March 25, 2002 8:25 AM
Subject: Re: [TS-850] New file uploaded to TS-850

> Jim, you have gone international.
>
> Soon you will be a large, global software Ham Radio
> control company, driving a cool Porshe to work
> whenever you feel like it! hi hi!
>
>
> b

# 167. Re: [TS-850] TS-850S A/T Auto Tuner Problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-26 01:40:58 UTC
From: Bill
Topic: 165  Message: 167

One of the relays in the TEE network probably has
welded contacts....

remove tuner, unsolder the end of L112 that is
soldered to the ground trace. Now, NONE of the coils
should read 0 ohms to ground. If they do, you have a
welded relay. Pull the 30M relay and see if it
clears. If not, you will have to do some more messin
around to isolate which one.

relays are the JY12H-K, and I don't have any
WWWWAAAAHAHHHHHH.... better stock up. If bud blew
one, everyone in the world is gonna want one!!! har..

good luck

BYE THE WAY PEOPLE, if you don't a service manual for
the 850, GET ONE NOW. It won't do you all that much
good to belong to this group if you don't have one,
unless you just wanna TALK about fixin yer rig! :)

73

Bill

--- bud Thompson <budt@...> wrote:
> Deltona, FL
> Monday March 25 1215EST
>
> Problem: Internal antenna tuner will not seek/match
> on 30M.
>
> This problem definitely happened in front of my very
> eyes about two months ago. I was on 30M in a
> digital autotransfer using the antenna tuner when
> the local power company provided a quick power
> down/up transition over less than 2 seconds. The
> 12vdc buss is on a UPS, so the radio did not turn
> "off", but there was no RF power output until I
> disengaged the autotuner.
>
> Now the tuner will not seek on any antenna on 30M.
> All other bands appear nominal.
>
> I'm about ready to dive in with that 500w iron and
> 15 pound sledge.
>

> What component do I hit first?
>
> thanks,
>
> bud Thompson N0IA
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====
Romans 8:5 Those who live according to the sinful nature have their minds set on what that nature desires; but those who live in accordance with the Spirit have their minds set on what the Spirit desires.

_____
Do You Yahoo!?
Yahoo! Movies - coverage of the 74th Academy Awards?
http://movies.yahoo.com/

# 168. Welcome new member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-26 14:32:15 UTC
From: coorsbill
Topic: 168  Message: 168

Hi to Chuck, K0ONC!

Glad to have you aboard.

Chuck is in my neck of the woods (Lakewood, CO).

Chuck, why not hit the "reply" button and tell us about yourself!

73

Bill

# 169. HI

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-26 15:12:50 UTC
From: Wes Clopton
Topic: 169  Message: 169

Greetings,

Im Wes Clopton W3ERU. Ive been a Ham since 1955.

Ive owned my TS850-SAT since 1992 and have had a few
failures, all I repaired myself.
1. ALC/PWR fluctuating.....replaced the DC TO DC board
2. two DDS's failed on CAR ......replaced board

MY 850 has been trouble free for 7 years now.
BEST RADIO MADE

W3ERU Wes
ARRL
FISTS #2099
QRPARCI 8304
QRP-L 2179
CW is my Mode

# 170. Re: Welcome new member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-26 16:27:19 UTC
From: k0onc
Topic: 168  Message: 170

--- In TS-850@y..., "coorsbill" <coorsbill@y...> wrote:
> Hi to Chuck, K0ONC!
>
> Glad to have you aboard.
>
> Chuck is in my neck of the woods (Lakewood, CO).
>
> Chuck, why not hit the "reply" button and tell us about yourself!
>
> 73
>
> Bill

Hello. I had a 850 several years ago. Traided for another radio. Bad choice. Now have a TS-2k and a TS-570. Have found a TS-850 I may be able to get. Fingers crossed.
Does any one out there know where I can down load a TS-850 owners manual (PDF)? 73 Chuck K0ONC

# 171. Zipped TS-850S Service Manual in .pdf format

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-26 17:21:38 UTC
From: mflowers99
Topic: 171  Message: 171

Hello Group,

A zipped copy of the TS-850S Service Manual in .pdf format is
available at:

http://www.krasnodar.online.ru/hamradio/sch_eng.html

filename: ser_ts-850.zip

along with other manuals, etc.

73,

Mike, K6MKF

# 172. Re: [TS-850] HI

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-27 00:50:50 UTC
From: Bill
Topic: 169  Message: 172

Hi Wes! Welcome to the group, and congrats on doing your own repairs! See, there's not much to it, is there? At least in most cases! hi hi

Did you know that if you cut a 22pin IC socket in half, you can put it in where the DC-DC converter board is, then plug the board in for easier replacement next time? I use my '850 to test those things!

OK on the CW. I suppose you have both CW filters. Are you running the Kenwood 500hz, or IRC 400, or what?

Have you looked at the mod to move the sidetone level to the front panel MON control? I invented this mod back in 1994 or 1995, since I like to work breakin and the sidetone level is very important to be adjustable. By adjusting this, and reducing the RF gain a bit, truly "transparent" full-break-in can be had, even better than the TENTEC rigs.

73!

Bill K0ZL
Denver, CO
--- Wes Clopton <w3eru@...> wrote:
> Greetings,
>
> Im Wes Clopton W3ERU. Ive been a Ham
> since 1955.
>
> Ive owned my TS850-SAT since 1992 and have
> had a few
> failures, all I repaired myself.
> 1. ALC/PWR
> fluctuating.....replaced the DC TO DC board
> 2. two DDS's failed on CAR
> ......replaced board
>
> MY 850 has been trouble free for 7 years now.
> BEST RADIO MADE
>
>
> W3ERU Wes
> ARRL

> FISTS #2099
> QRPARCI 8304
> QRP-L 2179
> CW is my Mode
>
>
>

=====
Romans 8:5 Those who live according to the sinful nature have their minds set on what that nature desires; but those who live in accordance with the Spirit have their minds set on what the Spirit desires.

_____
Do You Yahoo!?
Yahoo! Movies - coverage of the 74th Academy Awards?
http://movies.yahoo.com/

# 173. Re: [TS-850] HI

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-27 00:50:50 UTC
From: Bill
Topic: 169  Message: 173

Hi Wes! Welcome to the group, and congrats on doing your own repairs! See, there's not much to it, is there? At least in most cases! hi hi

Did you know that if you cut a 22pin IC socket in half, you can put it in where the DC-DC converter board is, then plug the board in for easier replacement next time? I use my '850 to test those things!

OK on the CW. I suppose you have both CW filters. Are you running the Kenwood 500hz, or IRC 400, or what?

Have you looked at the mod to move the sidetone level to the front panel MON control? I invented this mod back in 1994 or 1995, since I like to work breakin and the sidetone level is very important to be adjustable. By adjusting this, and reducing the RF gain a bit, truly "transparent" full-break-in can be had, even better than the TENTEC rigs.

73!

Bill K0ZL
Denver, CO
--- Wes Clopton <w3eru@...> wrote:
> Greetings,
>
> Im Wes Clopton W3ERU. Ive been a Ham
> since 1955.
>
> Ive owned my TS850-SAT since 1992 and have
> had a few
> failures, all I repaired myself.
> 1. ALC/PWR
> fluctuating.....replaced the DC TO DC board
> 2. two DDS's failed on CAR
> ......replaced board
>
> MY 850 has been trouble free for 7 years now.
> BEST RADIO MADE
>
>
> W3ERU Wes
> ARRL

> FISTS #2099
> QRPARCI 8304
> QRP-L 2179
> CW is my Mode
>
>
>

=====
Romans 8:5 Those who live according to the sinful nature have their minds set on what that nature desires; but those who live in accordance with the Spirit have their minds set on what the Spirit desires.

_____
Do You Yahoo!?
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http://movies.yahoo.com/

# 174. Re: [TS-850] Re: Welcome new member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-27 00:54:22 UTC
From: Bill
Topic: 168  Message: 174

Chuck, I pray you get your 850!

I don't know about downloading the manual but I have
one here you can photocopy if you need to. Of most
importance is the pinouts on the aux connectors, mic
connector, and the menu stuff. I can get that for you
pretty quick if you need it.

b

--- k0onc <k0onc0@...> wrote:
> --- In TS-850@y..., "coorsbill" <coorsbill@y...>
> wrote:
> > Hi to Chuck, K0ONC!
> >
> > Glad to have you aboard.
> >
> > Chuck is in my neck of the woods (Lakewood, CO).
> >
> > Chuck, why not hit the "reply" button and tell us
> about yourself!
> >
> > 73
> >
> > Bill
> Hello. I had a 850 several years ago. Traided for
> another radio. Bad
> choice. Now have a TS-2k and a TS-570. Have found
> a TS-850 I may be
> able to get. Fingers crossed.
> Does any one out there know where I can down load a
> TS-850 owners
> manual (PDF)? 73 Chuck K0ONC
>
>

=====
Romans 8:5 Those who live according to the sinful nature have their minds set on what that nature desires; but those who live in accordance with the Spirit have their minds set on what the Spirit desires.

---------------------------------------------------
Do You Yahoo!?
Yahoo! Movies - coverage of the 74th Academy Awards?
http://movies.yahoo.com/

# 175. Re: [TS-850] Zipped TS-850S Service Manual in .pdf format

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-27 00:58:29 UTC
From: Bill
Topic: 171  Message: 175

Mike,

Hey thanks for the Krasnodar post, that is a great
site. I didn't see an 850 manual in Kenwood however.
My vision is not that good today, hi!

b

--- mflowers99 <mflowers99@...> wrote:
> Hello Group,
>
> A zipped copy of the TS-850S Service Manual in .pdf
> format is
> available at:
>
> http://www.krasnodar.online.ru/hamradio/sch_eng.html
>
> filename: ser_ts-850.zip
>
> along with other manuals, etc.
>
> 73,
>
> Mike, K6MKF
>
>

=====
Romans 8:5 Those who live according to the sinful nature have their minds set on what that nature desires; but those who live in accordance with the Spirit have their minds set on what the Spirit desires.

_____
Do You Yahoo!?
Yahoo! Movies - coverage of the 74th Academy Awards?
http://movies.yahoo.com/

# 176. Re: [TS-850] HI

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-27 02:35:25 UTC
From: Wes Clopton
Topic: 169  Message: 176

Hi Bill and gang
I run my 850 off a ASTRON 35M power supply..
Except for field day then I USE A CAR BATTERY>>>

Im filled with CW filters.....1. yk88c-1 500hz
2. yk88cn-1 270hz
3. yg455c-1 500hz
4. external MFJ 784B DSP filter

I very seldom use AGC...run in AGC off and use the Manual RF GAIN
for better
signal quality (old Navy Radioman habit)
Who needs S meter reading anyway.....>:)

The TS850 is the BEST all around HF transceiver made...

Wes W3ERU

At 07:50 PM 3/26/02, you wrote:
Hi Wes! Welcome to the group, and congrats on doing
your own repairs! See, there's not much to it, is
there? At least in most cases! hi hi

Did you know that if you cut a 22pin IC socket in
half, you can put it in where the DC-DC converter

>board is, then plug the board in for easier
>replacement next time? I use my '850 to test those
>things!
>
>OK on the CW. I suppose you have both CW filters.
>Are you running the Kenwood 500hz, or IRC 400, or
>what?
>
>Have you looked at the mod to move the sidetone level
>to the front panel MON control? I invented this mod
>back in 1994 or 1995, since I like to work breakin and
>the sidetone level is very important to be adjustable.
> By adjusting this, and reducing the RF gain a bit,
>truly "transparent" full-break-in can be had, even
>better than the TENTEC rigs.
>
>73!
>
>Bill K0ZL
>Denver, CO
>--- Wes Clopton <w3eru@...> wrote:

> > Greetings,
> >
> > Im Wes Clopton W3ERU. Ive been a Ham
> > since 1955.
> >
> > Ive owned my TS850-SAT since 1992 and have
> > had a few
> > failures, all I repaired myself.
> > 1. ALC/PWR
> > fluctuating.....replaced the DC TO DC board
> > 2. two DDS's failed on CAR
> > ......replaced board
> >
> > MY 850 has been trouble free for 7 years now.
> > BEST RADIO MADE
> >
> >
> > W3ERU Wes
> > ARRL
> > FISTS #2099
> > QRPARCI 8304
> > QRP-L 2179
> > CW is my Mode
> >
> >
> >
>
>
>=====
>Romans 8:5 Those who live according to the sinful nature have their minds
>set on what that nature desires; but those who live in accordance with the
>Spirit have their minds set on what the Spirit desires.
>
>_____
>Do You Yahoo!?
>Yahoo! Movies - coverage of the 74th Academy Awards®
>http://movies.yahoo.com/
>
>
>THANKS FOR USING TS-850@...
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 177. Re: [TS-850] Zipped TS-850S Service Manual in .pdf format

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-27 01:13:47 UTC
From: Mike Flowers
Topic: 171  Message: 177

Hi Bill!

Near the bottom of the webpage, look for:

TS-850. Service Manual. PDF, eng - 7.3mb.

73,

Mike, K6MKF

--- Bill <coorsbill@...> wrote:
> Mike,
>
> Hey thanks for the Krasnodar post, that is a great
> site. I didn't see an 850 manual in Kenwood
> however.
> My vision is not that good today, hi!
>
> b
>
> --- mflowers99 <mflowers99@...> wrote:
> > Hello Group,
> >
> > A zipped copy of the TS-850S Service Manual in
> .pdf
> > format is
> > available at:
> >
> >
> http://www.krasnodar.online.ru/hamradio/sch_eng.html
> >
> > filename: ser_ts-850.zip
> >
> > along with other manuals, etc.
> >
> > 73,
> >
> > Mike, K6MKF
> >
> >
>
>
> =====
> Romans 8:5 Those who live according to the sinful
> nature have their minds set on what that nature
> desires; but those who live in accordance with the

> Spirit have their minds set on what the Spirit
> desires.
>
> _____
> Do You Yahoo!?
> Yahoo! Movies - coverage of the 74th Academy Awards?
> http://movies.yahoo.com/
>
> ---------- Yahoo! Groups Sponsor
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
>
>

_____
Do You Yahoo!?
Yahoo! Movies - coverage of the 74th Academy Awards?
http://movies.yahoo.com/

# 178. Re: [TS-850] Zipped TS-850S Service Manual in .pdf format

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-27 03:15:32 UTC
From: Bill
Topic: 171  Message: 178

Thanks Mike!

b

--- Mike Flowers <mflowers99@...> wrote:
> Hi Bill!
>
> Near the bottom of the webpage, look for:
>
> TS-850. Service Manual. PDF, eng - 7.3mb.
>
> 73,
>
> Mike, K6MKF
>
> --- Bill <coorsbill@...> wrote:
> > Mike,
> >
> > Hey thanks for the Krasnodar post, that is a great
> > site. I didn't see an 850 manual in Kenwood
> > however.
> > My vision is not that good today, hi!
> >
> > b
> >
> > --- mflowers99 <mflowers99@...> wrote:
> > > Hello Group,
> > >
> > > A zipped copy of the TS-850S Service Manual in
> > .pdf
> > > format is
> > > available at:
> > >
> > >
> > >
> > >
> http://www.krasnodar.online.ru/hamradio/sch_eng.html
> > >
> > > filename: ser_ts-850.zip
> > >
> > > along with other manuals, etc.
> > >
> > > 73,
> > >
> > > Mike, K6MKF
> > >

> > >
> >
> >
> > =====
> > Romans 8:5 Those who live according to the sinful
> > nature have their minds set on what that nature
> > desires; but those who live in accordance with the
> > Spirit have their minds set on what the Spirit
> > desires.
> >
> > _____
> > Do You Yahoo!?
> > Yahoo! Movies - coverage of the 74th Academy
> Awards?
> > http://movies.yahoo.com/
> >
> > ---------- Yahoo! Groups Sponsor
> >
> > THANKS FOR USING TS-850@...
> >
> > Your use of Yahoo! Groups is subject to
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> >
> >
>
>
> _____
> Do You Yahoo!?
> Yahoo! Movies - coverage of the 74th Academy Awards?
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>
>
> ---------- Yahoo! Groups Sponsor
>
> THANKS FOR USING TS-850@...
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> Your use of Yahoo! Groups is subject to
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>

=====
Romans 8:5 Those who live according to the sinful nature have their minds set on what that nature desires; but those who live in accordance with the Spirit have their minds set on what the Spirit desires.

_____
Do You Yahoo!?
Yahoo! Movies - coverage of the 74th Academy Awards?
http://movies.yahoo.com/

# 179. TS-850 - 2kd-Henry Interface Cable

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2001-01-22 12:18:40 UTC
From: Mark Stappenbeck
Topic: 179  Message: 179

I've added a big (scary) amp to the shack and now I need to interface the TS-850 to a Henry 2KD Classic. Is there a source for the accessory cable that extends from the amplifier control plug on the back of the radio? I can do the soldering on the plugs that go into the Henry, but from previous experience I know that I'd like to get a plug that's been previously soldered on the connector at the back of the Kenwood.

Cheap is good, but good is better.

Thanks!

-- Mark Stappenbeck, En-Zero-Pee-DoubleU-Zee@...g on 01/22/2001

# 180. welcome new member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-29 00:39:49 UTC
From: coorsbill
Topic: 17  Message: 180

Welcome AA0BL to TS-850.

Why not hit the "reply" button and tell us about yourself and your station?

73!

Bill K0ZL
Your List Moderator

# 181. Re: [TS-850] TS-850S A/T Receiver Sensitivity

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-26 01:35:04 UTC
From: Bill
Topic: 164  Message: 181

Yeah, mine just got blown too. Kinda nice not having
to listen to all the static now! har har... the '850
sounds like my vintage rigs now. Maybe I'll leave it
thataways...NOT!

Diode D31 is probably out on the RF unit, bud.

Also check the tx and rx 8v lines, make sure they are
behavin'

It is an RLS35 SMD low power pin diode. I have them
here, or you can get them from Kenwood. Probably
better stock up on 'em bud.

VRLS135 is the Pacific Coast Parts number.

b

--- bud Thompson <budt@...> wrote:
> Deltona, FL
> Monday March 25 1200EST
>
> Problem: Low receiver sensitivity on Kenwood TS-850S
> A/T
>
> My trusty friend may have taken a hit when I tested
> another HF radio too
> close! The receiver sensitivity on 20M and above
> definitely changed by "ear"
> after I ran some tests with another radio on an
> adjacent antenna! That
> said, when I made some digital links the next
> morning the signal levels on
> 20 meters seemed to be about nominal! Maybe it has
> been this way a long
> time and I didn't notice? Maybe it is intermittent?
>
> Measurements with my service monitor indicate the
> following microvolt signal
> levels required for indicated S-meter readings. (CW
> mode, 2.7khz filters.)
>
> Frequency S3 S6 S9
> MHz microvolts required
>
> 1.900 12.5 27.8 74.0

> 3.600 8.0 21.0 54.0
> 7.100 7.7 18.8 51.3
> 10.100 10.1 25.8 67.0
> 14.100 19.6 60.1 130
> 18.100 23.3 63.0 158
> 21.100 41.8 106 293
> 24.900 60.0 153 408
> 28.100 66.0 166 4500
>
> I'd guess there is a problem above 30 meters, but
> would appreciate anyone's
> experience in this matter. I doubt these numbers
> above 30 meters are
> nominal.
>
> Also, if these numbers are not nominal- let me know
> where to start in with
> my 500w iron and l5 pound sledge hammer. I have a
> service manual and test
> gear. If memory serves, there are some
> switching/steering diodes as well as
> relays that direct signals from band-to-band and BPF
> to BPF - With some
> hints, I might get lucky.
>
> NOTE: If I'm going inside this dark dungeon where
> most men fear to tread, I
> have another investigation to make - see the next
> entry.
>
> Thanks, and
> 73
>
> bud Thompson N0IA
>
>
>
>
>
>
>
>
>
>
>
> ------------------------ Yahoo! Groups Sponsor
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/

>
>

=====
Romans 8:5 Those who live according to the sinful nature have their minds set on what that nature desires; but those who live in accordance with the Spirit have their minds set on what the Spirit desires.

_____
Do You Yahoo!?
Yahoo! Movies - coverage of the 74th Academy Awards?
http://movies.yahoo.com/

# 182. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-26 01:43:08 UTC
From: Bill
Topic: 51  Message: 182

FIRE ENGINE RED PLEASE :)>

--- Jim ve3mij <ve3mij@...> wrote:
> Yeah Bill, I'll buy one for you and everyone in the
> group as soon as it
> happens! hi hi
>
> Let's see, so far I've been waiting 11 years!
>
> mij
> ----- Original Message -----
> From: "Bill" <coorsbill@...>
> To: <TS-850@yahoogroups.com>
> Sent: Monday, March 25, 2002 8:25 AM
> Subject: Re: [TS-850] New file uploaded to TS-850
>
>
> > Jim, you have gone international.
> >
> > Soon you will be a large, global software Ham
> Radio
> > control company, driving a cool Porshe to work
> > whenever you feel like it! hi hi!
> >
> >
> > b
>
>
>

=====
Romans 8:5 Those who live according to the sinful nature have their minds set on what that nature desires; but those who live in accordance with the Spirit have their minds set on what the Spirit desires.

_____
Do You Yahoo!?
Yahoo! Movies - coverage of the 74th Academy Awards?
http://movies.yahoo.com/

# 183. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-29 14:37:35 UTC
From: Jim ve3mij
Topic: 51  Message: 183

Right on, it'll match mine!

Wait till you see the antenna mount!
----- Original Message -----
From: "Bill" <coorsbill@...>
To: <TS-850@yahoogroups.com>
Sent: Monday, March 25, 2002 8:43 PM
Subject: Re: [TS-850] New file uploaded to TS-850

> FIRE ENGINE RED PLEASE :)>
>
> --- Jim ve3mij <ve3mij@...> wrote:
> > Yeah Bill, I'll buy one for you and everyone in the
> > group as soon as it
> > happens! hi hi
> >
> > Let's see, so far I've been waiting 11 years!
> >
> > mij
> > ----- Original Message -----
> > From: "Bill" <coorsbill@...>
> > To: <TS-850@yahoogroups.com>
> > Sent: Monday, March 25, 2002 8:25 AM
> > Subject: Re: [TS-850] New file uploaded to TS-850
> >
> >
> > > Jim, you have gone international.
> > >
> > > Soon you will be a large, global software Ham
> > Radio
> > > control company, driving a cool Porshe to work
> > > whenever you feel like it! hi hi!
> > >
> > >
> > > b
> >
> >
> >
>
>
> =====
> Romans 8:5 Those who live according to the sinful nature have their minds
set on what that nature desires; but those who live in accordance with the
Spirit have their minds set on what the Spirit desires.
>

> _____
> Do You Yahoo!?
> Yahoo! Movies - coverage of the 74th Academy Awards?
> http://movies.yahoo.com/
>
>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 184. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-29 17:06:33 UTC
From: Wes Clopton
Topic: 51  Message: 184

Ok Guys, what is the File name and what does it do.....

Wes W3eru

At 09:37 AM 3/29/02, you wrote:
>Right on, it'll match mine!
>
>Wait till you see the antenna mount!
>----- Original Message -----
>From: "Bill" <coorsbill@...>
>To: <TS-850@yahoogroups.com>
>Sent: Monday, March 25, 2002 8:43 PM
>Subject: Re: [TS-850] New file uploaded to TS-850
>
>
> > FIRE ENGINE RED PLEASE :)>
> >
> > --- Jim ve3mij <ve3mij@...> wrote:
> > > Yeah Bill, I'll buy one for you and everyone in the
> > > group as soon as it
> > > happens! hi hi
> > >
> > > Let's see, so far I've been waiting 11 years!
> > >
> > > mij
> > > ----- Original Message -----
> > > From: "Bill" <coorsbill@...>
> > > To: <TS-850@yahoogroups.com>
> > > Sent: Monday, March 25, 2002 8:25 AM
> > > Subject: Re: [TS-850] New file uploaded to TS-850
> > >
> > >
> > > > Jim, you have gone international.
> > > >
> > > > Soon you will be a large, global software Ham
> > > Radio
> > > > control company, driving a cool Porshe to work
> > > > whenever you feel like it! hi hi!
> > > >
> > > >
> > > > b
> > >
> > >
> > >
> > >
> >

> >
> > =====
> > Romans 8:5 Those who live according to the sinful nature have their minds
>set on what that nature desires; but those who live in accordance with the
>Spirit have their minds set on what the Spirit desires.
> >
> > _____
> > Do You Yahoo!?
> > Yahoo! Movies - coverage of the 74th Academy Awards®
> > <http://movies.yahoo.com/>http://movies.yahoo.com/
> >
> >
> > THANKS FOR USING TS-850@YAHOOGROUPS.COM
> >
> > Your use of Yahoo! Groups is subject to
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> >
> >
>
>
>Yahoo! Groups Sponsor
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><http://rd.yahoo.com/M=178320.1903454.3396448.1261774/D=egroupweb/S=1705063108:HM/A=87917
1/R=0/*http://www.fastweb.com/ib/yahoo-57f>4db3e7.jpg
>
>4db47d.jpg
>
>THANKS FOR USING TS-850@YAHOOGROUPS.COM
>
>Your use of Yahoo! Groups is subject to the
><http://docs.yahoo.com/info/terms/>Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 185. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-29 17:54:41 UTC
From: Bill
Topic: 51  Message: 185

This thread has "deep" roots, that will require the wearing of tall boots.
Jim uploaded his TS-850/PC control file to the Files area of the TS-850 group. We've decided that very soon he will be an Internet Magnate, with a .COM startup potentially worth billions. Then I asked him if he would buy us all Porsches. Now you know "the rest of the story".
As I said, getcher boots on.
73!
b
Wes Clopton <w3eru@...> wrote: Ok Guys, what is the File name and what does it do.....

Wes W3eru

At 09:37 AM 3/29/02, you wrote:
>Right on, it'll match mine!
>
>Wait till you see the antenna mount!
>----- Original Message -----
>From: "Bill" <coorsbill@...>
>To: <TS-850@yahoogroups.com>
>Sent: Monday, March 25, 2002 8:43 PM
>Subject: Re: [TS-850] New file uploaded to TS-850
>
>
> > FIRE ENGINE RED PLEASE :)>
> >
> > --- Jim ve3mij <ve3mij@...> wrote:
> > > Yeah Bill, I'll buy one for you and everyone in the
> > > group as soon as it
> > > happens! hi hi
> > >
> > > Let's see, so far I've been waiting 11 years!
> > >
> > > mij
> > > ----- Original Message -----
> > > From: "Bill" <coorsbill@...>
> > > To: <TS-850@yahoogroups.com>
> > > Sent: Monday, March 25, 2002 8:25 AM
> > > Subject: Re: [TS-850] New file uploaded to TS-850
> > >
> > >
> > > > Jim, you have gone international.
> > > >
> > > > Soon you will be a large, global software Ham
> > > Radio
> > > > control company, driving a cool Porshe to work

> > > > whenever you feel like it! hi hi!
> > > >
> > > >
> > > > b
> > >
> > >
> > >
> >
> >
> > =====
> > Romans 8:5 Those who live according to the sinful nature have their minds
>set on what that nature desires; but those who live in accordance with the
>Spirit have their minds set on what the Spirit desires.
> >
> > _____
> > Do You Yahoo!?
> > Yahoo! Movies - coverage of the 74th Academy Awards?
> > <http://movies.yahoo.com/>http://movies.yahoo.com/
> >
> >
> > THANKS FOR USING TS-850@...
> >
> > Your use of Yahoo! Groups is subject to
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> >
> >
>
>
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1/R=0/*http://www.fastweb.com/ib/yahoo-57f>4db3e7.jpg
>
>4db47d.jpg
>
>THANKS FOR USING TS-850@...
>
>Your use of Yahoo! Groups is subject to the
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[Non-text portions of this message have been removed]

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Romans 8:5 Those who live according to the sinful nature have their minds set on what that nature desires; but those who live in accordance with the Spirit have their minds set on what the Spirit desires.

---
Do You Yahoo!?
Yahoo! Greetings - send greetings for Easter, Passover

[Non-text portions of this message have been removed]

# 186. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-29 18:54:54 UTC
From: Wes Clopton
Topic: 51  Message: 186

Sounds good to me...except...it doesn't work for me.
I take it to be (KMIJ3v24.zip). I download and tried to set i up, but it
bombs with a inialazation error...

I run the YPLog 850 control no problem....

dont know what the problem is...

Wes

At 12:54 PM 3/29/02, you wrote:

> This thread has "deep" roots, that will require the wearing of tall boots.
>Jim uploaded his TS-850/PC control file to the Files area of the TS-850
>group. We've decided that very soon he will be an Internet Magnate, with
>a .COM startup potentially worth billions. Then I asked him if he would
>buy us all Porsches. Now you know "the rest of the story".
>As I said, getcher boots on.
>73!
>b
> Wes Clopton <w3eru@...> wrote: Ok Guys, what is the File name
> and what does it do.....
>
>Wes W3eru
>
>At 09:37 AM 3/29/02, you wrote:
> >Right on, it'll match mine!
> >
> >Wait till you see the antenna mount!
> >----- Original Message -----
> >From: "Bill" <coorsbill@...>
> >To: <TS-850@yahoogroups.com>
> >Sent: Monday, March 25, 2002 8:43 PM
> >Subject: Re: [TS-850] New file uploaded to TS-850
> >
> >
> > > FIRE ENGINE RED PLEASE :)>
> > >
> > > --- Jim ve3mij <ve3mij@rogers.com> wrote:
> > > > Yeah Bill, I'll buy one for you and everyone in the
> > > > group as soon as it
> > > > happens! hi hi
> > > >
> > > > Let's see, so far I've been waiting 11 years!
> > > >
> > > > mij

> > > > ----- Original Message -----
> > > > From: "Bill" <coorsbill@...>
> > > > To: <TS-850@yahoogroups.com>
> > > > Sent: Monday, March 25, 2002 8:25 AM
> > > > Subject: Re: [TS-850] New file uploaded to TS-850
> > > > >
> > > > >
> > > > > > Jim, you have gone international.
> > > > > >
> > > > > > Soon you will be a large, global software Ham
> > > > Radio
> > > > > > control company, driving a cool Porshe to work
> > > > > > whenever you feel like it! hi hi!
> > > > > >
> > > > > >
> > > > > > b
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > > =====
> > > Romans 8:5 Those who live according to the sinful nature have their minds
> >set on what that nature desires; but those who live in accordance with the
> >Spirit have their minds set on what the Spirit desires.
> > >
> > > _____
> > > Do You Yahoo!?
> > > Yahoo! Movies - coverage of the 74th Academy Awards®
> > > <http://movies.yahoo.com/>http://movies.yahoo.com/
> > >
> > >
> > > THANKS FOR USING TS-850@...
> > >
> > > Your use of Yahoo! Groups is subject to
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> 63108:HM/A=879171/R=0/*http://www.fastweb.com/ib/yahoo-57f>4db3e7.jpg
> >
> >4db47d.jpg
> >
> >THANKS FOR USING TS-850@...
> >
> >Your use of Yahoo! Groups is subject to the

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>
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>THANKS FOR USING TS-850@...
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>Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>Romans 8:5 Those who live according to the sinful nature have their minds
>set on what that nature desires; but those who live in accordance with the
>Spirit have their minds set on what the Spirit desires.
>
>
>---------------------------------
>Do You Yahoo!?
>Yahoo! Greetings - send greetings for Easter, Passover
>
>[Non-text portions of this message have been removed]
>
>
>
>THANKS FOR USING TS-850@YAHOOGROUPS.COM
>
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# 187. new member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-30 00:41:23 UTC
From: coorsbill
Topic: 187  Message: 187

Welcome to Bill, in Kissimee FL!

Why not hit the reply button and tell us about yourself and your station?

73!

Bill K0ZL
Your List Moderator

# 188. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-30 02:10:32 UTC
From: Jim ve3mij
Topic: 51  Message: 188

Cool... A bug!

I'm curious Wes, what version of windows are you running? (You are running windows, right?)

You can try the one at http://members.rogers.com/ve3mij/

Or just look at it, and if it's not of interest, then stop trying! It's not logging software...

If you try it and it still bombs, let me know as there's another way to run it.

Jim ve3mij

(With the red Porsche, like Bill's...)
----- Original Message -----
From: "Wes Clopton" <w3eru@...>
To: <TS-850@yahoogroups.com>
Sent: Friday, March 29, 2002 1:54 PM
Subject: Re: [TS-850] New file uploaded to TS-850

Sounds good to me...except...it doesn't work for me.
I take it to be (KMIJ3v24.zip). I download and tried to set i up, but it bombs with a inialazation error...

I run the YPLog 850 control no problem....

dont know what the problem is...

Wes

At 12:54 PM 3/29/02, you wrote:

> This thread has "deep" roots, that will require the wearing of tall boots.
>Jim uploaded his TS-850/PC control file to the Files area of the TS-850
>group. We've decided that very soon he will be an Internet Magnate, with
>a .COM startup potentially worth billions. Then I asked him if he would
>buy us all Porsches. Now you know "the rest of the story".
>As I said, getcher boots on.
>73!
>b
> Wes Clopton <w3eru@...> wrote: Ok Guys, what is the File name
> and what does it do.....
>
>Wes W3eru
>

>At 09:37 AM 3/29/02, you wrote:
> >Right on, it'll match mine!
> >
> >Wait till you see the antenna mount!
> >----- Original Message -----
> >From: "Bill" <coorsbill@...>
> >To: <TS-850@yahoogroups.com>
> >Sent: Monday, March 25, 2002 8:43 PM
> >Subject: Re: [TS-850] New file uploaded to TS-850
> >
> >
> > > FIRE ENGINE RED PLEASE :)>
> > >
> > > --- Jim ve3mij <ve3mij@...> wrote:
> > > > Yeah Bill, I'll buy one for you and everyone in the
> > > > group as soon as it
> > > > happens! hi hi
> > > >
> > > > Let's see, so far I've been waiting 11 years!
> > > >
> > > > mij
> > > > ----- Original Message -----
> > > > From: "Bill" <coorsbill@...>
> > > > To: <TS-850@yahoogroups.com>
> > > > Sent: Monday, March 25, 2002 8:25 AM
> > > > Subject: Re: [TS-850] New file uploaded to TS-850
> > > >
> > > >
> > > > > Jim, you have gone international.
> > > > >
> > > > > Soon you will be a large, global software Ham
> > > > Radio
> > > > > control company, driving a cool Porshe to work
> > > > > whenever you feel like it! hi hi!
> > > > >
> > > > >
> > > > > b
> > > >
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> > > >
> > >
> > >
> > > =====
> > > Romans 8:5 Those who live according to the sinful nature have their
minds
> >set on what that nature desires; but those who live in accordance with
the
> >Spirit have their minds set on what the Spirit desires.
> > >
> > > _____

> > > Do You Yahoo!?
> > > Yahoo! Movies - coverage of the 74th Academy Awards?
> > > <http://movies.yahoo.com/>http://movies.yahoo.com/
> > >
> > >
> > > THANKS FOR USING TS-850@...
> > >
> > > Your use of Yahoo! Groups is subject to
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> > >
> > >
> > >
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> >Yahoo! Groups Sponsor
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> ><http://rd.yahoo.com/M=178320.1903454.3396448.1261774/D=egroupweb/S=17050
> 63108:HM/A=879171/R=0/*http://www.fastweb.com/ib/yahoo-57f>4db3e7.jpg
> >
> >4db47d.jpg
> >
> >THANKS FOR USING TS-850@...
> >
> >Your use of Yahoo! Groups is subject to the
> ><http://docs.yahoo.com/info/terms/>Yahoo! Terms of Service.
>
>
>[Non-text portions of this message have been removed]
>
>
>Yahoo! Groups SponsorADVERTISEMENT
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>THANKS FOR USING TS-850@...
>
>Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>Romans 8:5 Those who live according to the sinful nature have their minds
>set on what that nature desires; but those who live in accordance with the
>Spirit have their minds set on what the Spirit desires.
>
>
>---------------------------------
>Do You Yahoo!?
>Yahoo! Greetings - send greetings for Easter, Passover
>
>[Non-text portions of this message have been removed]
>
>
>
>THANKS FOR USING TS-850@...

>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

THANKS FOR USING TS-850@...

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 189. software

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-30 03:11:50 UTC
From: Federico Batarse
Topic: 189  Message: 189

sorry for the delay, i am programing in visual basic, and my software do not soport speech recognition, nider speech procesor, but i have another software , a repeater dtmf decoder for mesages on our club repeater, and ( i have programed, even the hardware dtmf decoder) and i use the text to speech voice syntetizer, and i think i is realy great. ( the software for the text to speech is from microsoft, freeware) and also include in the instalation disc the speech recognition.

kind regards and hope to continue talking about.

the tmv7 is a dualbander kenwood mobil radio, it is great, all is pc controlable, but i do nof find all the parameter yet.

kind regards and 73

----- Original Message -----
From: "Federico Batarse" <federicobatarse@...>
To: "__iFederico Batarse" <fbatarse@...>
Sent: Tuesday, March 26, 2002 3:52 PM
Subject: RV: [TS-850] New file uploaded to TS-850

>
> ----- Original Message -----
> From: Jim ve3mij <ve3mij@...>
> To: Federico Batarse <federicobatarse@...>
> Sent: Monday, March 25, 2002 9:34 PM
> Subject: Re: [TS-850] New file uploaded to TS-850
>
>
> > Hey Federico, that's great... It's a bit of work too, but that's OK...
> >
> > I had something similar, with KMIJ. A quadriplegic got me to add some
> > keyboard shortcuts so he could operate his 850. He had some sort of
> > pointing device and onscreen keyboard, which allowed him to use the
> > software.
> >
> > So I'm curious, does your TMV7 software have speech recognition?
> >
> > What language are you programming in? (I mean, Visual Basic, C++, not
> > English or Spanish!)
> >
> > To be honest, I don't even know what a TMV7 is, as I've been inactive
for
> a
> > number of years and just getting back into it...
> >

> > Jim
> > ----- Original Message -----
> > From: "Federico Batarse" <federicobatarse@...>
> > To: "Jim ve3mij" <ve3mij@...>
> > Sent: Monday, March 25, 2002 9:26 PM
> > Subject: Re: [TS-850] New file uploaded to TS-850
> >
> >
> > > thanks Jim , again thanks, i now what you toll me, i have write some
> > > software for the ft-100d, the tmv7a, if you need it please let me
know.
> > >
> > > i have to make some improvementes to my software for the tmv7a,
because:
> > >
> > > Hello Federico, this program is wonderful for me. I am blind and a
> > > program like this could be very useful for us blind hams who use the
> > > tmv7. I can operate all the functions of the radio from the mic
> > > except for the menu settings. Does your program allow you to program
> > > the options that are accessed from the radio's menu? Also, is the s-
> > > meter value available from the serial and if so could it be displayed
> > > as a numeric value instead of a slide bar? Thanks, and 73...
> > >
> > > Ken - n5swr
> > >
> > >
> > > so i think i need to put myself working on it.
> > >
> > > kind regards and 73
> > > federico
> > > xe2nlm
> > > monterrey mexico
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > ----- Original Message -----
> > > From: "Jim ve3mij" <ve3mij@...>
> > > To: "Federico Batarse" <federicobatarse@...>
> > > Sent: Monday, March 25, 2002 6:36 PM
> > > Subject: Re: [TS-850] New file uploaded to TS-850
> > >
> > >
> > > > Thank you Frederico,

> > > >
> > > > I wrote KMIJ for myself, initially, but knowing that you enjoy using
> it,
> > > is
> > > > enough of a reward!
> > > >
> > > > I know the software has been in use around the world, as I have
> letters
> > > from
> > > > Europe, Asia and the Americas about it. It's good to know that
> > something
> > > I
> > > > did for my own fun, is being used by other hams too.
> > > >
> > > > 73 Jim
> > > >
> > > >
> > > > ----- Original Message -----
> > > > From: "Federico Batarse" <fbatarse@...>
> > > > To: "Jim ve3mij" <ve3mij@...>
> > > > Sent: Monday, March 25, 2002 12:46 PM
> > > > Subject: Re: [TS-850] New file uploaded to TS-850
> > > >
> > > >
> > > > > jim, i really apreciate your help, and your kind friendship.
> please
> > > notice
> > > > > that i am a really fan of the ts-850 and i have hade some most of
> > the
> > > 850
> > > > > softwaresa available, but yours is great! i really mean it. and is
> a
> > > very
> > > > > special detail the autor(you) of this great software licence me to
> > use
> > > it
> > > > > .
> > > > >
> > > > > kind regards and anything i can corresponde with your kind help,
> let
> > me
> > > > > know.
> > > > >
> > > > > regards from MONTERREY MEXICO
> > > > > xe2nlm
> > > > > federico
> > > > >
> > > > > ----- Original Message -----
> > > > > From: "Jim ve3mij" <ve3mij@...>
> > > > > To: <fbatarse@...>

> > > > > Sent: Sunday, March 24, 2002 9:57 PM
> > > > > Subject: Fw: [TS-850] New file uploaded to TS-850
> > > > >
> > > > >
> > > > > > Hi Federico,
> > > > > >
> > > > > > If you are interested, I have attached a new KMIJ.IDD file for
> your
> > > > KMIJ.
> > > > > >
> > > > > > If you replace the file you have in your KMIJ subdirectory with
> this
> > > > one,
> > > > > > it
> > > > > > will show you as the registered user of the software.
> > > > > >
> > > > > > I does not change the program at all, just displays your name in
> the
> > > > > "About
> > > > > > KMIJ' window.
> > > > > >
> > > > > > 73 Jim
> > > > > >
> > > > > > ----- Original Message -----
> > > > > > From: "Federico Batarse" <fbatarse@...>
> > > > > > To: <TS-850@yahoogroups.com>
> > > > > > Sent: Sunday, March 24, 2002 2:00 PM
> > > > > > Subject: Re: [TS-850] New file uploaded to TS-850
> > > > > >
> > > > > >
> > > > > > > HI, this is federico, xe2nlm
> > > > > > > just to say to jim the software is great, i realy apriciate
it.
> > > > > >
> > > > > > > kind regards to the group.
> > > > > > > federico
> > > > > > > xe2nlm
> > > > > >
> > > > > >
> > > > >
> > > > >
> > > >
> > >
> >

# 190. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-30 03:53:12 UTC
From: Wes Clopton
Topic: 51  Message: 190

Hi Jim, Im have a Penii at 333mhz with 327 mb of memory...I run Win98Se
I download the program from both sites again....I use PKzip to unzip with....

When I do the SETUP.exe app I get the message...SETUP ERROR-could not copy
Setup1EX_-.c:windows\setup1.ex

Im not a programer so I dont know what the problem is..
I was just curious and wanted to check stuff out...I play a lot.....:>)

Wes

At 09:10 PM 3/29/02, you wrote:
>Cool... A bug!
>
>I'm curious Wes, what version of windows are you running? (You are running
>windows, right?)

> > > > > > Soon you will be a large, global software Ham
> > > > > Radio
> > > > > > control company, driving a cool Porshe to work
> > > > > > whenever you feel like it! hi hi!
> > > > > >
> > > > > >
> > > > > > b
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > > =====
> > > Romans 8:5 Those who live according to the sinful nature have their
>minds
> > >set on what that nature desires; but those who live in accordance with
>the
> > >Spirit have their minds set on what the Spirit desires.
> > > >
> > > > _____
> > > Do You Yahoo!?
> > > Yahoo! Movies - coverage of the 74th Academy Awards®
> > > >
> <<http://movies.yahoo.com/>http://movies.yahoo.com/>http://movies.yahoo.com/
> > > >
> > > >
> > > THANKS FOR USING TS-850@YAHOOGROUPS.COM
> > > >
> > > Your use of Yahoo! Groups is subject to

> > >
> <<http://docs.yahoo.com/info/terms/>http://docs.yahoo.com/info/terms/>http://docs.yahoo.com/info/terms/
> > > >
> > > >
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> > >
> > >Yahoo! Groups Sponsor
> > >ADVERTISEMENT
> > ><<http://rd.yahoo.com/M=178320.1903454.3396448.1261774/D=egroupweb/S=17
> 050>http://rd.yahoo.com/M=178320.1903454.3396448.1261774/D=egroupweb/S=17050
> >
> 63108:HM/A=879171/R=0/*<http://www.fastweb.com/ib/yahoo-57f>http://www.fastweb.com/ib/yahoo-57f>4db3e7.jpg
> > >
> > >4db47d.jpg
> > >
> > >THANKS FOR USING TS-850@...
> > >
> > >Your use of Yahoo! Groups is subject to the
> > ><<http://docs.yahoo.com/info/terms/>http://docs.yahoo.com/info/terms/>Y
> ahoo! Terms of Service.
> >
> >
> >[Non-text portions of this message have been removed]
> >
> >
> >Yahoo! Groups SponsorADVERTISEMENT
> >
> >THANKS FOR USING TS-850@...
> >
> >Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
> >
> >
> >Romans 8:5 Those who live according to the sinful nature have their minds
> >set on what that nature desires; but those who live in accordance with the
> >Spirit have their minds set on what the Spirit desires.
> >
> >
> >---------------------------------
> >Do You Yahoo!?
> >Yahoo! Greetings - send greetings for Easter, Passover
> >
> >[Non-text portions of this message have been removed]
> >
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> >
> >THANKS FOR USING TS-850@...
> >
> >Your use of Yahoo! Groups is subject to

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>THANKS FOR USING TS-850@...
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>Your use of Yahoo! Groups is subject to
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>
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>Yahoo! Groups Sponsor
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><http://rd.yahoo.com/M=215002.1818248.3328688.1261774/D=egroupweb/S=1705063108:HM/A=84766
5/R=0/*http://ads.x10.com/?bHlhaG9vbW9uc3RlcjcuZGF0=1017454275%3eM=215002.1818248.3328688.
1261774/D=egroupweb/S=1705063108:HM/A=847665/R=1>3d7088.jpg
>3d70ec.jpg
>
>THANKS FOR USING TS-850@YAHOOGROUPS.COM
>
>Your use of Yahoo! Groups is subject to the
><http://docs.yahoo.com/info/terms/>Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 191. RE: [TS-850] new member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-30 02:11:08 UTC
From: Bill Hanrahan
Topic: 187  Message: 191

OK, Bill, I think I will!

I've been licensed since 1979 and had held the call KA1KF until about a week ago, when received a new vanity call, W1VFR. I had been active on HF but in the last few years had sold most of my equipment for whatever reason. I'm now trying to get back into radio, and recently required an 850 which needs work ( a few bad relays, and some other things). The group looked like a good place to be! So, nothing to brag about regarding the station, but I hope to be back on the air in a reasonable amount of time. I'm looking forward to learning more about the 850 (which is a great step up from my old TS-440).

73,

Bill, W1VFR

-----Original Message-----
From: coorsbill [mailto:coorsbill@...]
Sent: Friday, March 29, 2002 7:41 PM
To: TS-850@yahoogroups.com
Subject: [TS-850] new member!

Welcome to Bill, in Kissimee FL!

Why not hit the reply button and tell us about yourself and your station?

73!

Bill K0ZL
Your List Moderator

THANKS FOR USING TS-850@...

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 192. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-30 07:33:11 UTC
From: Mike Flowers
Topic: 51  Message: 192

OK, I had and solved this problem.

My problem occured because there is already a file in C:\WINDOWS named setup1.exe ... It was probably put there by other software I had installed that just happened to pick the name 'setup1.exe' for its setup executable.

Look in C:\WINDOWS, and if there is a file named 'setup1.exe' rename it to setup1.ex_ then try reinstalling KMIJ again. I'll bet it works this time.

73,

Mike, K6MKF

--- Wes Clopton <w3eru@...> wrote:
> Hi Jim, Im have a Penii at 333mhz with 327 mb of
> memory...I run Win98Se
> I download the program from both sites again....I
> use PKzip to unzip with....
>
> When I do the SETUP.exe app I get the
> message...SETUP ERROR-could not copy
> Setup1EX_-.c:windows\setup1.ex
>
> Im not a programer so I dont know what the problem
> is..
> I was just curious and wanted to check stuff out...I
> play a lot.....:>)
>
> Wes
>
> At 09:10 PM 3/29/02, you wrote:
> >Cool... A bug!
> >
> >I'm curious Wes, what version of windows are you
> running? (You are running
> >windows, right?)
>
>
>
> > > > > > > > Soon you will be a large, global
> software Ham
> > > > > > > Radio
> > > > > > > > control company, driving a cool Porshe

> to work
> > > > > > > whenever you feel like it! hi hi!
> > > > > > > >
> > > > > > > >
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> > > > > >
> > > > > >
> > > > > > =====
> > > > > > Romans 8:5 Those who live according to the
> sinful nature have their
> >minds
> > > > >set on what that nature desires; but those who
> live in accordance with
> >the
> > > > >Spirit have their minds set on what the Spirit
> desires.
> > > > > >
> > > > > >
> ---------------------------------------------------
> > > > > > Do You Yahoo!?
> > > > > > Yahoo! Movies - coverage of the 74th Academy
> Awards?
> > > > > >
> >
>
<<http://movies.yahoo.com/>http://movies.yahoo.com/>http://movies.yahoo.com/
> > > > > >
> > > > > >
> > > > > > THANKS FOR USING TS-850@...
> > > > > >
> > > > > > Your use of Yahoo! Groups is subject to
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> > > >Yahoo! Groups Sponsor
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050>http://rd.yahoo.com/M=178320.1903454.3396448.1261774/D=egroupweb/S=17050
> > >
> >
>
63108:HM/A=879171/R=0/*<http://www.fastweb.com/ib/yahoo-57f>http://www.fastweb.com/ib/yaho
o-57f>4db3e7.jpg
> > > >
> > > >4db47d.jpg
> > > >
> > > >THANKS FOR USING TS-850@...
> > > >
> > > >Your use of Yahoo! Groups is subject to the
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> > ahoo! Terms of Service.
> > >
> > >
> > >[Non-text portions of this message have been
> removed]
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> > >
> > >Yahoo! Groups SponsorADVERTISEMENT
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> > >THANKS FOR USING TS-850@...
> > >
> > >Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
> > >
> > >
> > >Romans 8:5 Those who live according to the sinful
> nature have their minds
> > >set on what that nature desires; but those who
> live in accordance with the
> > >Spirit have their minds set on what the Spirit
> desires.
> > >
> > >
> > >----------
> > >Do You Yahoo!?
> > >Yahoo! Greetings - send greetings for Easter,
> Passover
> > >
> > >[Non-text portions of this message have been
> removed]
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> > >THANKS FOR USING TS-850@...
> > >
> > >Your use of Yahoo! Groups is subject to
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> >THANKS FOR USING TS-850@...
> >
> >Your use of Yahoo! Groups is subject to
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> >Yahoo! Groups Sponsor
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5/R=0/*http://ads.x10.com/?bHlhaG9vbW9uc3RlcjcuZGF0=1017454275%3eM=215002.1818248.3328688.
1261774/D=egroupweb/S=1705063108:HM/A=847665/R=1>3d7088.jpg
> >3d70ec.jpg
> >
> >THANKS FOR USING TS-850@...
> >
> >Your use of Yahoo! Groups is subject to the
> ><http://docs.yahoo.com/info/terms/>Yahoo! Terms of
> Service.
>
>
> [Non-text portions of this message have been
> removed]
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>

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Do You Yahoo!?
Yahoo! Greetings - send holiday greetings for Easter, Passover
http://greetings.yahoo.com/

# 193. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-30 13:26:18 UTC
From: Jim ve3mij
Topic: 51  Message: 193

Thanks Wes,

I'll take a look at that and see if I can work out the problem. I've got a machine here running win 98se.

In the meantime, I've added a link to http://members.rogers.com/ve3mij/ that will give you a zipped version without the windows set-up program. Just unzip it into a subdirectory and you can run it from there.

FYI, the set-up automatically puts the Visual Basic .dll file into your system subdirectory (not system32) and also creates a group with a start icon in your programs. You can do this manually if you want, but it's not needed to try the software.

Let me know if it still doesn't work!

Jim ve3mij

----- Original Message -----
From: "Wes Clopton" <w3eru@...>
To: <TS-850@yahoogroups.com>
Sent: Friday, March 29, 2002 10:53 PM
Subject: Re: [TS-850] New file uploaded to TS-850

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I download the program from both sites again....I use PKzip to unzip
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Wes

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>Cool... A bug!
>
>I'm curious Wes, what version of windows are you running? (You are running
>windows, right?)

> > > > > > Soon you will be a large, global software Ham
> > > > > Radio
> > > > > > control company, driving a cool Porshe to work
> > > > > > whenever you feel like it! hi hi!
> > > > > >
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> > > >
> > > > =====
> > > > Romans 8:5 Those who live according to the sinful nature have their
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> > >Spirit have their minds set on what the Spirit desires.
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> > > > _____
> > > > Do You Yahoo!?
> > > > Yahoo! Movies - coverage of the 74th Academy Awards?
> > > >
>
<<http://movies.yahoo.com/>http://movies.yahoo.com/>http://movies.yahoo.com/
> > > >
> > > >
> > > > THANKS FOR USING TS-850@...
> > > >
> > > > Your use of Yahoo! Groups is subject to
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/docs.yahoo.com/info/terms/
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> > > >
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> > >
> > >Yahoo! Groups Sponsor
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> > ><<http://rd.yahoo.com/M=178320.1903454.3396448.1261774/D=egroupweb/S=17
>
050>http://rd.yahoo.com/M=178320.1903454.3396448.1261774/D=egroupweb/S=17050
> >
>
63108:HM/A=879171/R=0/*<http://www.fastweb.com/ib/yahoo-57f>http://www.fastw
eb.com/ib/yahoo-57f>4db3e7.jpg
> > >
> > >4db47d.jpg
> > >
> > >THANKS FOR USING TS-850@...
> > >
> > >Your use of Yahoo! Groups is subject to the
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> ahoo! Terms of Service.
> >

> >
> >[Non-text portions of this message have been removed]
> >
> >
> >Yahoo! Groups SponsorADVERTISEMENT
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> >THANKS FOR USING TS-850@...
> >
> >Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
> >
> >
> >Romans 8:5 Those who live according to the sinful nature have their minds
> >set on what that nature desires; but those who live in accordance with
the
> >Spirit have their minds set on what the Spirit desires.
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> >---------------------------------
> >Do You Yahoo!?
> >Yahoo! Greetings - send greetings for Easter, Passover
> >
> >[Non-text portions of this message have been removed]
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> >
> >THANKS FOR USING TS-850@...
> >
> >Your use of Yahoo! Groups is subject to
> <http://docs.yahoo.com/info/terms/>http://docs.yahoo.com/info/terms/
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>
>THANKS FOR USING TS-850@...
>
>Your use of Yahoo! Groups is subject to
><http://docs.yahoo.com/info/terms/>http://docs.yahoo.com/info/terms/
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><http://rd.yahoo.com/M=215002.1818248.3328688.1261774/D=egroupweb/S=1705063
108:HM/A=847665/R=0/*http://ads.x10.com/?bHlhaG9vbW9uc3RlcjcuZGF0=1017454275
%3eM=215002.1818248.3328688.1261774/D=egroupweb/S=1705063108:HM/A=847665/R=1
>3d7088.jpg
>3d70ec.jpg
>
>THANKS FOR USING TS-850@...

>
>Your use of Yahoo! Groups is subject to the
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[Non-text portions of this message have been removed]

THANKS FOR USING TS-850@...

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 194. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-30 13:29:02 UTC
From: Jim ve3mij
Topic: 51  Message: 194

I should have read this one first!

Thanks Mike, this makes perfect sense!

However I will try it on my '98 machine, just in case...

Jim ve3mij

----- Original Message -----
From: "Mike Flowers" <mflowers99@...>
To: <TS-850@yahoogroups.com>
Sent: Saturday, March 30, 2002 2:33 AM
Subject: Re: [TS-850] New file uploaded to TS-850

> OK, I had and solved this problem.
>
> My problem occured because there is already a file in
> C:\WINDOWS named setup1.exe ... It was probably put
> there by other software I had installed that just
> happened to pick the name 'setup1.exe' for its setup
> executable.
>
> Look in C:\WINDOWS, and if there is a file named
> 'setup1.exe' rename it to setup1.ex_ then try
> reinstalling KMIJ again. I'll bet it works this time.
>
> 73,
>
> Mike, K6MKF
>
> --- Wes Clopton <w3eru@...> wrote:
> > Hi Jim, Im have a Penii at 333mhz with 327 mb of
> > memory...I run Win98Se
> > I download the program from both sites again....I
> > use PKzip to unzip with....
> >
> > When I do the SETUP.exe app I get the
> > message...SETUP ERROR-could not copy
> > Setup1EX_-.c:windows\setup1.ex
> >
> > Im not a programer so I dont know what the problem
> > is..
> > I was just curious and wanted to check stuff out...I
> > play a lot.....:>)
> >
> > Wes

> >
> > At 09:10 PM 3/29/02, you wrote:
> > >Cool... A bug!
> > >
> > >I'm curious Wes, what version of windows are you
> > running? (You are running
> > >windows, right?)
> >
> >
> >
> > > > > > > > > Soon you will be a large, global
> > software Ham
> > > > > > > > Radio
> > > > > > > > > control company, driving a cool Porshe
> > to work
> > > > > > > > > whenever you feel like it! hi hi!
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> > sinful nature have their
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> > > > > >set on what that nature desires; but those who
> > live in accordance with
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> > > > > > THANKS FOR USING TS-850@...
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> > > > > >THANKS FOR USING TS-850@...
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> > > > > >Your use of Yahoo! Groups is subject to the
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> > > ahoo! Terms of Service.
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> > > > >[Non-text portions of this message have been
> > removed]
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> > > > >
> > > > >Yahoo! Groups SponsorADVERTISEMENT
> > > > >
> > > > >THANKS FOR USING TS-850@...
> > > > >
> > > > >Your use of Yahoo! Groups is subject to the
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> > > > >
> > > > >

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> > > >set on what that nature desires; but those who
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> > > >---------------------------------
> > > >Do You Yahoo!?
> > > >Yahoo! Greetings - send greetings for Easter,
> > Passover
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> > >
> > >THANKS FOR USING TS-850@...
> > >
> > >Your use of Yahoo! Groups is subject to the

> > ><http://docs.yahoo.com/info/terms/>Yahoo! Terms of
> > Service.
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> > [Non-text portions of this message have been
> > removed]
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> Do You Yahoo!?
> Yahoo! Greetings - send holiday greetings for Easter, Passover
> http://greetings.yahoo.com/
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> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 196. Help Please

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-30 13:51:36 UTC
From: Pete Walker
Topic: 196  Message: 196

Hi

Can someone tell me how to unsubscribe ??

Thanks

# 197. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-30 15:26:07 UTC
From: Wes Clopton
Topic: 51  Message: 197

Arn't puters fun...That did it Mike and Jim..
I did a Find search and Bingo...there was a setup1 already
there...renamed that critter and now KMIJ works......
Neato..Nice job Jim....I do like the meters..
Now I would like to run YPLog with handshaking to KJIM.
Is that possible..

Wes

At 08:29 AM 3/30/02, you wrote:
>I should have read this one first!
>
>Thanks Mike, this makes perfect sense!
>
>However I will try it on my '98 machine, just in case...
>
>Jim ve3mij
>
>----- Original Message -----
>From: "Mike Flowers" <mflowers99@...>
>To: <TS-850@yahoogroups.com>
>Sent: Saturday, March 30, 2002 2:33 AM
>Subject: Re: [TS-850] New file uploaded to TS-850
>
>
> > OK, I had and solved this problem.
> >
> > My problem occured because there is already a file in
> > C:\WINDOWS named setup1.exe ... It was probably put
> > there by other software I had installed that just
> > happened to pick the name 'setup1.exe' for its setup
> > executable.
> >
> > Look in C:\WINDOWS, and if there is a file named
> > 'setup1.exe' rename it to setup1.ex_ then try
> > reinstalling KMIJ again. I'll bet it works this time.
> >
> > 73,
> >
> > Mike, K6MKF
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> > --- Wes Clopton <w3eru@...> wrote:
> > > Hi Jim, Im have a Penii at 333mhz with 327 mb of
> > > memory...I run Win98Se
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> > > use PKzip to unzip with....
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> > > message...SETUP ERROR-could not copy
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> > > is..
> > > I was just curious and wanted to check stuff out...I
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> > > Wes
> > >
> > > At 09:10 PM 3/29/02, you wrote:
> > > >Cool... A bug!
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> > > > > > > > > Soon you will be a large, global
> > > software Ham
> > > > > > > > > Radio
> > > > > > > > > > control company, driving a cool Porshe
> > > to work
> > > > > > > > > > whenever you feel like it! hi hi!
> > > > > > > > > > >
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> > > > > > > > > > Do You Yahoo!?
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> > > > >THANKS FOR USING TS-850@...
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> > > > >---------------------------------
> > > > >Do You Yahoo!?
> > > > >Yahoo! Greetings - send greetings for Easter,
> > > Passover
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x10.com/?bHlhaG9vbW9uc3RlcjcuZGF0=1017454275
>%3eM=215002.1818248.3328688.1261774/D=egroupweb/S=1705063108:HM/A=847665/R=1
> >3d7088.jpg
> > > >3d70ec.jpg
> > > >
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> > > ><<http://docs.yahoo.com/info/terms/>http://docs.yahoo.com/info/terms/
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> > Do You Yahoo!?
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>Yahoo! Groups Sponsor
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>16deefa.jpg
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>Your use of Yahoo! Groups is subject to the
><http://docs.yahoo.com/info/terms/>Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 198. Re: [TS-850] New file uploaded to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-30 17:42:40 UTC
From: Jim ve3mij
Topic: 51  Message: 198

Unfortunately no, Wes.... I don't know if YPLog supports any sort of data transfer, but KMIJ doesn't at this time.

I've been thinking about this.. I'm not really into writing a log program, and there's so many out there that are good, so I was wondering if there's a way to make windows think there's another serial port connected, from KMIJ. This way KMIJ could run, and whatever log program you want, could also run through it in a "pass through" mode.

Any programmers out there have ideas, I'm all ears...

In the meantime, I appreciate the feedback Wes, as it validates one of my ideas for the next version. Whenever that is! (Probably in a 2-4 months...)

Jim
----- Original Message -----
From: "Wes Clopton" <w3eru@...>
To: <TS-850@yahoogroups.com>
Sent: Saturday, March 30, 2002 10:26 AM
Subject: Re: [TS-850] New file uploaded to TS-850

Arn't puters fun...That did it Mike and Jim..
I did a Find search and Bingo...there was a setup1 already
there...renamed that critter and now KMIJ works......
Neato..Nice job Jim....I do like the meters..
Now I would like to run YPLog with handshaking to KJIM.
Is that possible..

Wes

# 199. RE: [TS-850] new member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-30 19:20:33 UTC
From: Bill
Topic: 187  Message: 199

Bill, we have a lot of Bills on this group.
OK glad to help with the 850 questions, just make sure you get a service manual for it. Not cheap, but less than the filters cost...
Cool callsign!
73!
Bill
Bill Hanrahan <hanrahan@...> wrote: OK, Bill, I think I will!

I've been licensed since 1979 and had held the call KA1KF until about a week ago, when received a new vanity call, W1VFR. I had been active on HF but in the last few years had sold most of my equipment for whatever reason. I'm now trying to get back into radio, and recently required an 850 which needs work ( a few bad relays, and some other things). The group looked like a good place to be! So, nothing to brag about regarding the station, but I hope to be back on the air in a reasonable amount of time. I'm looking forward to learning more about the 850 (which is a great step up from my old TS-440).

73,

Bill, W1VFR

-----Original Message-----
From: coorsbill [mailto:coorsbill@...]
Sent: Friday, March 29, 2002 7:41 PM
To: TS-850@yahoogroups.com
Subject: [TS-850] new member!

Welcome to Bill, in Kissimee FL!

Why not hit the reply button and tell us about yourself and your station?

73!

Bill K0ZL
Your List Moderator

THANKS FOR USING TS-850@...

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

THANKS FOR USING TS-850@...

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

Romans 8:5 Those who live according to the sinful nature have their minds set on what that nature desires; but those who live in accordance with the Spirit have their minds set on

what the Spirit desires.

---

Do You Yahoo!?
Yahoo! Greetings - send greetings for Easter, Passover

[Non-text portions of this message have been removed]

# 200. Re: [TS-850] Help Please

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-30 19:22:55 UTC
From: Bill
Topic: 196  Message: 200

I will take care of it.
Sorry to see you go! Come back soon when you can.
73!
Bill K0ZL
Pete Walker <pete@...> wrote: Hi

Can someone tell me how to unsubscribe ??

Thanks

Yahoo! Groups SponsorADVERTISEMENT

THANKS FOR USING TS-850@...

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

Romans 8:5 Those who live according to the sinful nature have their minds set on what that nature desires; but those who live in accordance with the Spirit have their minds set on what the Spirit desires.

---
Do You Yahoo!?
Yahoo! Greetings - send greetings for Easter, Passover

[Non-text portions of this message have been removed]

# 201. RE: [TS-850] new member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-30 19:24:39 UTC
From: Bill Hanrahan
Topic: 187  Message: 201

Thanks for the tip, Bill...makes a lot of sense!

Also, thanks for the compliment on my new call...my other passion in life is flying, so the call goes hand in hand!

73,

Bill, W1VFR
-----Original Message-----
From: Bill [mailto:coorsbill@...]
Sent: Saturday, March 30, 2002 2:21 PM
To: TS-850@yahoogroups.com
Subject: RE: [TS-850] new member!

Bill, we have a lot of Bills on this group.
OK glad to help with the 850 questions, just make sure you get a service manual for it. Not cheap, but less than the filters cost...
Cool callsign!
73!
Bill

[Non-text portions of this message have been removed]

# 202. RE: [TS-850] new member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-30 23:12:52 UTC
From: Bill
Topic: 187  Message: 202

I suppose you have to take W4IFR for check rides every year! har...
b
Bill Hanrahan <hanrahan@...> wrote: Thanks for the tip, Bill...makes a lot of sense!

Also, thanks for the compliment on my new call...my other passion in life is
flying, so the call goes hand in hand!

73,

Bill, W1VFR
-----Original Message-----
From: Bill [mailto:coorsbill@...]
Sent: Saturday, March 30, 2002 2:21 PM
To: TS-850@yahoogroups.com
Subject: RE: [TS-850] new member!

Bill, we have a lot of Bills on this group.
OK glad to help with the 850 questions, just make sure you get a service
manual for it. Not cheap, but less than the filters cost...
Cool callsign!
73!
Bill

[Non-text portions of this message have been removed]

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THANKS FOR USING TS-850@...

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

Romans 8:5 Those who live according to the sinful nature have their minds set on what that
nature desires; but those who live in accordance with the Spirit have their minds set on
what the Spirit desires.

---
Do You Yahoo!?
Yahoo! Greetings - send greetings for Easter, Passover

[Non-text portions of this message have been removed]

# 203. Re: [TS-850] Help Please

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-03-30 23:21:38 UTC
From: Bill
Topic: 196  Message: 203

I have removed you from TS-850 group, please let me know if the email doesn't stop in a day or two.
73!
Bill
List Moderator
Pete Walker <pete@...> wrote: Hi

Can someone tell me how to unsubscribe ??

Thanks

Yahoo! Groups SponsorADVERTISEMENT

THANKS FOR USING TS-850@...

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

Romans 8:5 Those who live according to the sinful nature have their minds set on what that nature desires; but those who live in accordance with the Spirit have their minds set on what the Spirit desires.

---
Do You Yahoo!?
Yahoo! Greetings - send greetings for Easter, Passover

[Non-text portions of this message have been removed]

# 204. Re: [TS-850] TS-850 - AMP PRECAUTIONS

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-04-03 03:15:26 UTC
From: Bill
Topic: 179  Message: 204

Mark, this should be a standard amp cable for Kenwood.
Make yer own:

Get 7 pin DIN plug from Radio Shack or your favorite 7
Pin DIN connector place.

Solder a surplus audio cable with attached RCA plug to
match the amp key jack, to the DIN plug. Connections
will be pins 2 and 4 on the DIN plug. Doesn't matter
which pin gets the cable shield; they are floating
relay contacts.

Don't worry about the ALC connection; just tune her up
and let her rip.

CAUTION: The TS-850 IS VERY VERY SENSITIVE TO DAMAGE
FROM GROUND LOOPS AT AC. TO BE SAFE: A) AMP IS
GROUNDED TO EARTH GROUND AND PLUGGED IN AND TURNED OFF
PRIOR TO CONNECTING IT TO THE TS-850. B) GROUNDED TO
THE 850 WITH A BRAID OR HEAVY STRANDED WIRE, GROUND
LUG TO GROUND LUG. C) CONNECT THE RF CABLES, VERY
GOOD QUALITY ONES, NO CHEAP CRIMPED R-S JUMPERS
PLEASE. D) CONNECT THE TS-850-TO-AMP CABLE YOU JUST
MADE. E) CONNECT TS-850 TO POWER SUPPLY.

If the Henry blows any fuses, disconnect the 850 from
the amp in the reverse order before doing anything
else. If you have further problems, let me know.

bill
--- Mark Stappenbeck <n0pwz@...> wrote:
>
> I've added a big (scary) amp to the shack and now I
> need to interface
> the TS-850 to a Henry 2KD Classic. Is there a source
> for the
> accessory cable that extends from the amplifier
> control plug on the
> back of the radio? I can do the soldering on the
> plugs that go into
> the Henry, but from previous experience I know that
> I'd like to get a
> plug that's been previously soldered on the
> connector at the back of
> the Kenwood.
>

> Cheap is good, but good is better.
>
> Thanks!
>
> -- Mark Stappenbeck,
> En-Zero-Pee-DoubleU-Zee@... on 01/22/2001
>
>
>

=====
Romans 8:5 Those who live according to the sinful nature have their minds set on what that nature desires; but those who live in accordance with the Spirit have their minds set on what the Spirit desires.

_____
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# 205. Accessory Kenwood TS-850S filters for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-04-22 21:20:47 UTC
From: maritimus49
Topic: 205  Message: 205

Hello All -
I have a mint, 1996 TS-850SAT coming in the mail and it has two filters that I am interested in selling, the 270Hz narrow CW filter and the 1.8kHz narrow SSB filter. I thought I would offer them here before putting them on ebay. I would like to get $75 for each of them. They are also mint. Please let me know if you're interested. Thank you.

73,
Bruce K6RQR

# 206. Re: [TS-850] Accessory Kenwood TS-850S filters for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-04-23 02:26:02 UTC
From: Bill
Topic: 205  Message: 206

You might clarify, are these the 8.8Mhz IF filters?

b

--- maritimus49 <maritimus49@...> wrote:
> Hello All -
> I have a mint, 1996 TS-850SAT coming in the mail
> and it has two
> filters that I am interested in selling, the 270Hz
> narrow CW filter
> and the 1.8kHz narrow SSB filter. I thought I would
> offer them here
> before putting them on ebay. I would like to get $75
> for each of
> them. They are also mint. Please let me know if
> you're interested.
> Thank you.
>
> 73,
> Bruce K6RQR
>
>

=====
Romans 8:5 Those who live according to the sinful nature have their minds set on what that nature desires; but those who live in accordance with the Spirit have their minds set on what the Spirit desires.

---
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# 207. Kenwood filters for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-04-23 14:51:09 UTC
From: maritimus49
Topic: 207  Message: 207

Hello All -
I wanted to clarify (Thanks, Bill) that the two filters are the
270 Hz YK-88-CN-1 for 8.83 mHz and the 1.8 mHz YK-88-SN-1, also for
8.83 mHz.

73,
Bruce K6RQR

# 208. Re: [TS-850] Accessory Kenwood TS-850S filters for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-04-24 02:06:50 UTC
From: Don
Topic: 205  Message: 208

Interested in the SSB filter. Drop me a line if still available.

--- maritimus49 <maritimus49@...> wrote:
> Hello All -
> I have a mint, 1996 TS-850SAT coming in the mail and it has two
> filters that I am interested in selling, the 270Hz narrow CW filter
> and the 1.8kHz narrow SSB filter. I thought I would offer them here
> before putting them on ebay. I would like to get $75 for each of
> them. They are also mint. Please let me know if you're interested.
> Thank you.
>
> 73,
> Bruce K6RQR
>
>

=====
-Don (k4dls@...)

---
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http://games.yahoo.com/

# 209. Kenwood filter 1.8 narrow SSB filter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-04-30 23:52:06 UTC
From: steve4iam
Topic: 209  Message: 209

I have the narrow ssb filter and use it to separate certain harder to hear signals ...although there is some reduction of audio quality. Nevertheless, I recommend installing and using it with your TS850 rather than selling it. fyi Syeve AB9CZ

[Non-text portions of this message have been removed]

# 210. What filters for the 850?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-05-09 20:48:16 UTC
From: stesplec
Topic: 210  Message: 210

Hello-
I am new to this group and to the 850. I am just getting familiar with the radio. I bought it to use for dx'ng and psk31. I know there are replacement filters from InRad, and I can add filters, but before I do, I would like some advice on what is the most useful configuration/combination of filters for the 850?
Thanks in advance for suggestions!
Scott

# 211. Problems to look for?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-05-09 20:55:49 UTC
From: stesplec
Topic: 211  Message: 211

After posting my last question about filters, and reading over
previous postings, I might as well as what problems I can look
forward to encountering with a used 850. I am guessing it was
manufactured in the middle of the production years for the 850.
(probably should have the serial number)
It works great, but I would rather be aware of issues before they
sneak up and bite me!
Thanks
Scott C.

# 212. Re: [TS-850] What filters for the 850?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-05-09 23:19:14 UTC
From: Bill
Topic: 210  Message: 212

For PSK31 the stock filters are fine, you will be using LSB I think and you need the full bandwidth for the waterfall displays to work right.

For DXing, on voice, the stock filters together give you 2.4Khz IF width, which is adequate for all but the most demanding situations. Between that and the slope tuning, you should be able to accomodate most pileups. Most DX works split anyway, which puts the pileups out of your receiver passband.

You can put the 1.8Khz filter or filters in; this will help somewhat on the pileups if they are working on-frequency or during contests when the whole band is congested. But it will give you restricted audio that may add to fatique.

If you are a CW operator, or will be, I highly recommend the stock kenwood 500hz filters. These also work in FSK mode for baudot rtty which is still pretty hot on contests. the Inrad 400hz filters would also be great on CW, but may be a tad too narrow for baudot. The Kenwood 270 hz 8.83 mhz filter (YK88CN-1)is also great on cw and may be all you need to add for that mode. DO NOT buy the YK88CN, you MUST use the YK88CN-1 filter in this radio!!! the IFs are slightly different from the older kenwood. I put a YK88CN in my 850, and boy I thought all my fillings were gonna fall out of my teeth, the passband was so high!

Most of this is just my opinion.. best thing, get other's opinions (especially, someone more contest-minded than I), and try your rig out, make changes as needed, it's the best way to avoid spending unnecessarily.

73

--- stesplec <shangsha@...> wrote:
> Hello-
> I am new to this group and to the 850. I am just
> getting familiar
> with the radio. I bought it to use for dx'ng and
> psk31. I know there
> are replacement filters from InRad, and I can add

> filters, but before
> I do, I would like some advice on what is the most
> useful
> configuration/combination of filters for the 850?
> Thanks in advance for suggestions!
> Scott
>
>

=====
"You can tune a piano, but you can't tune a fish"--Joe Walsh

---
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http://shopping.yahoo.com

# 213. Re: [TS-850] Problems to look for?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-05-09 23:23:59 UTC
From: Bill
Topic: 211  Message: 213

850's are susceptible to static damage to the
switching diodes in the RF unit and damage to the gas
arrestor tube on the small board that connects to the
antenna connector. The gas tube can be visually
inspected for darkening of the glass (should be clear)
or a visible whitish band in the middle of the black
carbon-looking thing in the middle. The diode damage
would be evident by severe loss of sensitivity, and
bad case would be radio doesn't tx or rx and has a
high-pitched tone coming from the speaker.

you can help prevent both problems by soldering a 1mH
pie-wound (read: antique) RF choke right across the
antenna connector.

This is not a killer to fix as long as you have a tech
that knows what to do! :)

73

bill
--- stesplec <shangsha@...> wrote:
> After posting my last question about filters, and
> reading over
> previous postings, I might as well as what problems
> I can look
> forward to encountering with a used 850. I am
> guessing it was
> manufactured in the middle of the production years
> for the 850.
> (probably should have the serial number)
> It works great, but I would rather be aware of
> issues before they
> sneak up and bite me!
> Thanks
> Scott C.
>
>

=====
"You can tune a piano, but you can't tune a fish"--Joe Walsh

---
Do You Yahoo!?
Yahoo! Shopping - Mother's Day is May 12th!
http://shopping.yahoo.com

# 214. Re: [TS-850] What filters for the 850?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-05-09 23:45:23 UTC
From: Stu
Topic: 210  Message: 214

I used the stock filters for ssb and then used the slope tune etc for the qrm in contests

as for cw and psk31 I used 2 500hz filters by Kenwood in the 2nd and 3rd ifs and also had the 270 2nd if filter as well

when in psk31 it doesn't really matter what mode of ssb you are on but is the norm to use USB

as for the faults problems etc with the radio well I cant say on that as my 850 had worked flawlessly since 91 to oct 2001 in contests of all sorts and on field days on island in the car
Until it died on the tx side and I smelt some smoke that came from inside

overall a superb radio and much better than some of the top radios in my opinion you don't want to ask long stories

go for the standard filters by Kenwood and u won't go wrong by inrad and ive been told makes a great radio even better

Stu MM0BSM

# 215. Dates of Manufacture for the 850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-05-11 01:34:42 UTC
From: stesplec
Topic: 215  Message: 215

What are the dates of Manufacture for the 850? I am trying to get a sense of where my radio falls in timeline. It was built in January of 1996.

# 216. 850S with wider rx range

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-05-18 11:16:26 UTC
From: unit175
Topic: 216  Message: 216

Hi 850 users,

I,m a new member of the group since i recently hooked up
an brandnew 850S fullhouse filtering!!
I use to run an 450 & 690 in the past few years, the estetics
from de 850 are simular to the 450/690, now i,m wondering
if i could add a few more MHz above 30 just like the 450 by
cutting a diode on the logic board.

2nd
I,m also currious to know wich mic combination gives me that
broadcast type audio, If have been told to get my hands on a
DSP100 to make it go a little wider

Thank in advance for any help in those 2 directions

Hans PD0RXG Holland

# 217. Re: [TS-850] 850S with wider rx range

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-05-18 13:56:12 UTC
From: Bill
Topic: 216  Message: 217

I am not aware of any mods to take the 850 above
30mhz. I use my scanner to listen there if the band
is open; transmitting would be risky because of the
military users there.

bill K0ZL
--- unit175 <hans075@...> wrote:
> Hi 850 users,
>
> I,m a new member of the group since i recently
> hooked up
> an brandnew 850S fullhouse filtering!!
> I use to run an 450 & 690 in the past few years, the
> estetics
> from de 850 are simular to the 450/690, now i,m
> wondering
> if i could add a few more MHz above 30 just like the
> 450 by
> cutting a diode on the logic board.
>
> 2nd
> I,m also currious to know wich mic combination gives
> me that
> broadcast type audio, If have been told to get my
> hands on a
> DSP100 to make it go a little wider
>
>
> Thank in advance for any help in those 2 directions
>
>
> Hans PD0RXG Holland
>
>
>

=====
"You can tune a piano, but you can't tune a fish"--Joe Walsh

---
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# 218. ts-450 wide tx

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-05-21 20:09:38 UTC
From: bletchleynet
Topic: 218  Message: 218

hi all, can anybody please help me, I have been loaned a ts-450 with the view to buying it in 3 weeks. i have just discovered that it has been modified to tx out of band in fact everywhere. Can anybody tell me what has been done to allow this so that I can undo the mod to bring it back to legal.
Thanks in advance
dave m0bzk

# 219. Re: [TS-850] ts-450 wide tx

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-05-21 22:45:28 UTC
From: Bill
Topic: 218  Message: 219

Dave,

Is oob transmit ABILITY illegal in your country? In other words, could you get into trouble just for having the mod, not just for using it? If not, that is a factor in favor of leaving it.

Is your Amateur Radio community and regulatory authority talking about a new ham band at 60m (5.30 Mhz approx)? If so, I would reconsider undoing the mod.

If you still feel the need to remove the mod, follow this link to Kenwood TS-450 and just follow it in reverse.

http://www.mods.dk/

73!

Bill K0ZL

--- bletchleynet <bletchleynet@...> wrote:
> hi all, can anybody please help me, I have been
> loaned a ts-450 with
> the view to buying it in 3 weeks. i have just
> discovered that it has
> been modified to tx out of band in fact everywhere.
> Can anybody tell
> me what has been done to allow this so that I can
> undo the mod to
> bring it back to legal.
> Thanks in advance
> dave m0bzk
>
>

=====
"You can tune a piano, but you can't tune a fish"--Joe Walsh

_____
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# 220. Re: ts-450 wide tx

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-05-21 23:07:58 UTC
From: bletchleynet
Topic: 218  Message: 220

---thanks for the info Bill, yes if we get caught with a modded radiowhich tx's out of band we will lose our licence. There has been no talk of gaining another frequency the same as you will be getting, the only thing that has been talked about is increasing 40m to the same as in the states
thanks dave

In TS-850@y..., Bill <coorsbill@y...> wrote:
> Dave,
>
> Is oob transmit ABILITY illegal in your country? In
> other words, could you get into trouble just for
> having the mod, not just for using it? If not, that
> is a factor in favor of leaving it.
>
> Is your Amateur Radio community and regulatory
> authority talking about a new ham band at 60m (5.30
> Mhz approx)? If so, I would reconsider undoing the
> mod.
>
> If you still feel the need to remove the mod, follow
> this link to Kenwood TS-450 and just follow it in
> reverse.
>
> http://www.mods.dk/
>
> 73!
>
> Bill K0ZL
>
>
>
>
> --- bletchleynet <bletchleynet@y...> wrote:
> > hi all, can anybody please help me, I have been
> > loaned a ts-450 with
> > the view to buying it in 3 weeks. i have just
> > discovered that it has
> > been modified to tx out of band in fact everywhere.
> > Can anybody tell
> > me what has been done to allow this so that I can
> > undo the mod to
> > bring it back to legal.
> > Thanks in advance
> > dave m0bzk

> >
> >
>
>
> =====
> "You can tune a piano, but you can't tune a fish"--Joe Walsh
>
> _____
> Do You Yahoo!?
> LAUNCH - Your Yahoo! Music Experience
> http://launch.yahoo.com

# 221. Autotuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-06-21 09:56:09 UTC
From: bud Thompson
Topic: 221  Message: 221

Deltona, FL
Friday June 21 0540EST

I run my TS850S on my Winlink mailbox - the 850 scans many frequencies on several bands under computer control 24/7. So the radio moves from one frequency to the next every three to four seconds until a user makes a link request. What a radio - it has been doing this since 1993 with only a two-month period of rest when we moved from Las Vegas to Florida.

A couple of the bands need trimming with the internal antenna tuner... so if I leave the 850 tuner in AUTO, the tuner is IN for all bands. The trouble is that the tuner wants to re-tune from band-to-band. This means that the tuner is running virtually all the time! The mechanical parts of the tuner were not intended for this constant use and after a time I have a tuner failure... Am I missing an 850 setting that would only have the tuner change tuning when the TX was using the frequency? That way, the tuner settings would remain wherever they were since the last time it was tuned while the radio scanned the frequency list waiting for connect requests. When it gets a connect request, the TX would start chirping with the user and the tuner would tune. That would cut the number of times required for re tuning by 90 percent!

If I can't have the internal tuner do what I need - What external tuner is recommended that will solve the problem? The multiband antennas available are coax-fed and "resonant" on the bands I scan, except each antenna has a slight problem on one or more bands causing the 850 to reduce power on those bands. The reactance there is not all that high or the internal tuner wouldn't provide the match it does.

Thanks for some ideas.

73,
bud N0IA

[Non-text portions of this message have been removed]

# 222. Re: [TS-850] Autotuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-06-24 15:11:04 UTC
From: Bill
Topic: 221  Message: 222

bud
it looks like you are going to need to resonate your
antennas for the bands you are using, and leave the
tuner out of the line. The only way "out of the box"
to keep the tuner from cycling on scan is to run
"split", with rx on A and tx on B vfo, and scan A...
but then, when a connect is received, how are you
going to cause the radio to switch from tx on B to tx
on A vfo? This will take a computer command, tied to
your TNC that will signal the 850 to do this.

I really hate running internal tuners unless you
absolutely have to, so resonate those antennas!

b
--- bud Thompson <budt@...> wrote:
> Deltona, FL
> Friday June 21 0540EST
>
> I run my TS850S on my Winlink mailbox - the 850
> scans many frequencies on several bands under
> computer control 24/7. So the radio moves from one
> frequency to the next every three to four seconds
> until a user makes a link request. What a radio -
> it has been doing this since 1993 with only a
> two-month period of rest when we moved from Las
> Vegas to Florida.
>
> A couple of the bands need trimming with the
> internal antenna tuner... so if I leave the 850
> tuner in AUTO, the tuner is IN for all bands. The
> trouble is that the tuner wants to re-tune from
> band-to-band. This means that the tuner is running
> virtually all the time! The mechanical parts of the
> tuner were not intended for this constant use and
> after a time I have a tuner failure... Am I missing
> an 850 setting that would only have the tuner change
> tuning when the TX was using the frequency? That
> way, the tuner settings would remain wherever they
> were since the last time it was tuned while the
> radio scanned the frequency list waiting for connect
> requests. When it gets a connect request, the TX
> would start chirping with the user and the tuner
> would tune. That would cut the number of times
> required for re tuning by 90 percent!

>
> If I can't have the internal tuner do what I need -
> What external tuner is recommended that will solve
> the problem? The multiband antennas available are
> coax-fed and "resonant" on the bands I scan, except
> each antenna has a slight problem on one or more
> bands causing the 850 to reduce power on those
> bands. The reactance there is not all that high or
> the internal tuner wouldn't provide the match it
> does.
>
> Thanks for some ideas.
>
> 73,
> bud N0IA
>
>
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====
"You can tune a piano, but you can't tune a fish"--Joe Walsh

_____
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# 224. Re: [TS-850] TS-690 is misbehaving

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-06-26 20:16:57 UTC
From: Bill
Topic: 223  Message: 224

Try a reset first, and pray that static spike has not taken out one of your CPU ports.
bill
ksm91011 <ksm@...> wrote: Hello,

My TS-690 has developed a strange behavior. My wife tells
me that my 3 year old was playing with the buttons on day
while I was at work. (Why they were both in my shack
I have no idea. She was probably cleaning the house by
putting excess things out there.)

When I spin the VFO knob to the left it resets the VFO
to ca. 50.74Mhz. Spin right and normal frequency change
occurs. As far as I can tell all other functions are
normal. This happens on all bands. Should I do a full
reset. (I haven't had time to look it up in the manual
yet.) or has anyone seen this before? I am the original
owner, perhaps it time to change the battery? ( I think
there is one for memory retention?)

Ken KD6CMO

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---
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[Non-text portions of this message have been removed]

# 225. VERY COOL TS-850 resource

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-06-28 03:57:31 UTC
From: coorsbill
Topic: 225  Message: 225

http://tk5ep.free.fr/tech/ts850/ts850_g.htm

I will put this in bookmarks so we won't loose it.

73

k0zl

# 226. External - amp keying relay for TS-850?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-14 22:41:16 UTC
From: ve7avv
Topic: 226  Message: 226

I am looking for input from other 850 owners on what type of external keying relay configuration they might be using if they have a linear amp connected. I have scoured the web in search of answers related to this issues and while I've found a few pages, it's nothing definitive.

My 850 is connected to a YAESU FL-2100Z amplifier. At present, the way I have things wired, the 850's internal relay (using pins 2 & 4) provides a short to ground that keys the relay in the amp -- I wonder if that's fast enough or too fast for the amp -- I don't know the answer. I have not had any problems to date, but I'd really like to be sure. My objective is to provide a more industrial strength interface so as to not rely solely on the 850 doing all the work. Should I be looking at the actual relay in the amp itself or attacking the problem from the exciter side of the equation? Or is the linear keying relay in 850 more than up to the job.

As always any thoughts and or assistance would be greatly appreciated.

73 de Paul, VE7AVV
StoneyGround Station
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
"All email from this address is checked by Norton AntiVirus 2002"

# 227. Re: [TS-850] External - amp keying relay for TS-850?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-15 12:28:16 UTC
From: Paul Manuel
Topic: 226  Message: 227

--- ve7avv <ve7avv@...> wrote:
> I am looking for input from other 850 owners on what type of external
> keying relay configuration they might be using if they have a linear
> amp connected.
I just use the relay in the 850 to key my old Amp Supply amp. I don't do
QSK with it, though.
73,
Paul K4PDM

_____
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# 228. Re: [TS-850] External - amp keying relay for TS-850?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-15 12:28:33 UTC
From: Bill
Topic: 226  Message: 228

Have used my 850 with relay system in the SB220 for years without any problems. I don't think there is a problem with speed; however, for the keying purists and those that would like to explore full break-in operation with any older tube amp, Rich Measures ran a series of articles in QST describing his method of setting up a keying circuit using a small T/R relay from the TS-940 for the input and a Jennings vacuum relay for the amp output, then a very simple way of sequencing things via R-C constants here and there to make sure everything is made before the RF starts flowing.

As for outboard relays, I would never advise AGAINST using them, but in this case I think it is unnecessary. What I HAVE done is switch the cap and resistor on the SB200 keying line (similar to the FL-2100 series) so that the cap is not directly across the keying jack on the amp; this reduces the make/break current on the key line which is what welds relay contacts. A 0.01 mic cap can store a LOT of energy. You can do this on the FL-2100 but as I remember, if it's not done right it can mess up the tube bias...??

bill
--- ve7avv <ve7avv@...> wrote:
> I am looking for input from other 850 owners on what
> type of external
> keying relay configuration they might be using if
> they have a linear
> amp connected. I have scoured the web in search of
> answers related to
> this issues and while I've found a few pages, it's
> nothing definitive.
>
> My 850 is connected to a YAESU FL-2100Z amplifier.
> At present, the
> way I have things wired, the 850's internal relay
> (using pins 2 & 4)
> provides a short to ground that keys the relay in
> the amp -- I wonder
> if that's fast enough or too fast for the amp -- I
> don't know the
> answer. I have not had any problems to date, but I'd

> really like to
> be sure. My objective is to provide a more
> industrial strength
> interface so as to not rely solely on the 850 doing
> all the work.
> Should I be looking at the actual relay in the amp
> itself or
> attacking the problem from the exciter side of the
> equation? Or is
> the linear keying relay in 850 more than up to the
> job.
>
> As always any thoughts and or assistance would be
> greatly appreciated.
>
> 73 de Paul, VE7AVV
> StoneyGround Station
>
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
> "All email from this address is checked by Norton
> AntiVirus 2002"
>
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
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http://autos.yahoo.com

# 229. ts850 microphone

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-17 11:47:57 UTC
From: bletchleynet
Topic: 229  Message: 229

Hi all, could somebody please advise me as to it ok to use a Shure 444t microphone on my ts850. I would have to rewire the plug as it at the moment wired for a icom radio
tahnks DAve M0BZK

# 230. Re: [TS-850] ts850 microphone

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-17 13:30:06 UTC
From: Bill
Topic: 229  Message: 230

Yep the 444 will work very well with the 850,
experiment with the hi/low Z switch on the mic, use
the one that needs the least mic gain. Forget which
one it is!

b

--- bletchleynet <bletchleynet@...> wrote:
> Hi all, could somebody please advise me as to it ok
> to use a Shure
> 444t microphone on my ts850. I would have to rewire
> the plug as it at
> the moment wired for a icom radio
> tahnks DAve M0BZK
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

---
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# 231. Re: ts850 microphone

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-17 20:10:31 UTC
From: bletchleynet
Topic: 229  Message: 231

--- Thanks Bill for infoI will rewire plug if my bad hand will let
me, I will have to look around the uk for a dsp 100 now, I have a
rtty interface on the way from the states so I am getting there on my
full station layout...hi
dave M0BZK

In TS-850@y..., Bill <coorsbill@y...> wrote:
> Yep the 444 will work very well with the 850,
> experiment with the hi/low Z switch on the mic, use
> the one that needs the least mic gain. Forget which
> one it is!
>
> b
>
> --- bletchleynet <bletchleynet@y...> wrote:
> > Hi all, could somebody please advise me as to it ok
> > to use a Shure
> > 444t microphone on my ts850. I would have to rewire
> > the plug as it at
> > the moment wired for a icom radio
> > tahnks DAve M0BZK
> >
> >
>
>
> =====
>
> Eccl 2:24, 25 A man can do nothing better than to eat and drink and
find satisfaction in his work. This too, I see, is from the hand of
God, for without him, who can eat or find enjoyment?
>
>
> _____
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> http://autos.yahoo.com

# 232. TS-850SAT AT UNIT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-18 15:34:07 UTC
From: coorsbill
Topic: 232  Message: 232

Phew, just finished a rebuild on the TS-850SAT AT unit, it wasn't too bad! It really help to take a few pix along the way so I could remember which way the gearsets went in, and so forth...

There is a trick to setting up the pots and the varicaps... I will try to document it later and put it in the group files area. Hint: It's NOT in the service manual! hi hi

Recommendation: Yearly, remove the AT unit (it's not hard) and lube the variable capacitor shafts with one drop of 10W oil (or sewing machine oil will work fine too). While you are at it, remove the six screws holding the filter unit on top, lift it and blow the dust out of the underlying PA module. Reassemble, then using a metric wrench, remove the VFO knob and put one drop of oil on the main encoder shaft. You are good for another year!

While you have the cover off the rig, check the small glass-looking thing back by the antenna connector. It is a gas tube arrestor for spikes on the antenna. It should be clear, with a solid black resistor-looking thing inside. If it looks smoked inside, or if the black resistor-looking thing shows a band of light brown or cream in the middle, it is DOA and should be replaced.

Kenwood part number is DSA301LA, also available from ICOM and I usually have some at the shop.

As for RF Parts, if you just can't get by the 25 dollar min order, let me know what you need I may have it.

bill K0ZL
bonnie KB0HTC
www.amateur-repairs.com

# 233. CW FILTER on ebay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-18 15:42:09 UTC
From: coorsbill
Topic: 233  Message: 233

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1366359842

min bid is 79.95 right now. HRO price new is 129.95

good luck!

73

bill

# 234. Hi to all in the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-18 19:07:13 UTC
From: ve3tmt
Topic: 234  Message: 234

I am new to the group and wanted to introduce myself. My name is Max and the QTH is Kingston, Ontario. I am running a Kenwood TS450S with a Behringer EQ/mixer. Being in a severely "antenna restricted" building, I enjoy making and testing antennas (ones I can hide), so far the small loop has yielded the best results, until the antenna fell over and the vacuum cap smashed. I still cry over that one! I may just purchase an MFJ loop for the yard, I know they aren't much, but it will get me out better than my longwire. I also have an TS711A for 2m and an Icom 738 for HF backup. Does anyone have a copy of the 450's service manual? I would gladly pay for any costs involved in getting one. I am also looking for a DSP100 unit if anyone has one for sale. Wide SSB filters(2.8Khz?)for the 450 as well.

Thanks,

Max

# 235. Feeding mic audio through ACCY connector

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-18 19:43:33 UTC
From: ve3tmt
Topic: 235  Message: 235

Currently I have the audio (PSK) tones fed into my 450 through the mic jack. I run the computer tones and mic audio first through a Behringer mixer/EQ and then onto the radio. I would prefer to run everything through the 13 pin accessory port on the back of the radio. The audio pin is labelled Packet Data, and I want to make sure it would be ok to feed mic audio through this pin as well. I did this on my Icom 738 and it worked fine, but soldering those darn 13-pin DIN plugs is a real pain, and want to make sure it will work before I take the old plug off.

Comments?

# 236. Re: [TS-850] Hi to all in the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-18 19:58:02 UTC
From: Bill
Topic: 234  Message: 236

Hi Max! Thanks for writing in. Good luck on the items that you seek; the problem with the TS-450 manual is that it is quite large, and any color shading that is in there to help delineate the PC board traces would be lost with a photocopy. I am afraid that copying one of these would be a formidable task. If you were to pay me, it would cost more I think than the one from Kenwood which alas would have the colors intact! hi..

Ok on the Barringer... I have heard that unit on the air (14.178, one of my favorite hang outs!) and it is impressive!

I would like to be able to go DSB through the 6khz filters on my 850 just for grins.

--- ve3tmt <ve3tmt@...> wrote:
> I am new to the group and wanted to introduce
> myself. My name is Max
> and the QTH is Kingston, Ontario. I am running a
> Kenwood TS450S with
> a Behringer EQ/mixer. Being in a severely "antenna
> restricted"
> building, I enjoy making and testing antennas (ones
> I can hide), so
> far the small loop has yielded the best results,
> until the antenna
> fell over and the vacuum cap smashed. I still cry
> over that one! I
> may just purchase an MFJ loop for the yard, I know
> they aren't much,
> but it will get me out better than my longwire. I
> also have an
> TS711A for 2m and an Icom 738 for HF backup. Does
> anyone have a copy
> of the 450's service manual? I would gladly pay for
> any costs
> involved in getting one. I am also looking for a
> DSP100 unit if
> anyone has one for sale. Wide SSB
> filters(2.8Khz?)for the 450 as
> well.
>
> Thanks,
>

> Max
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
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# 237. Re: [TS-850] Feeding mic audio through ACCY connector

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-18 20:45:58 UTC
From: Bill
Topic: 235  Message: 237

--- ve3tmt <ve3tmt@...> wrote:
>
> Currently I have the audio (PSK) tones fed into my
> 450 through the
> mic jack. I run the computer tones and mic audio
> first through a
> Behringer mixer/EQ and then onto the radio. I would
> prefer to run
> everything through the 13 pin accessory port on the
> back of the
> radio. The audio pin is labelled Packet Data, and I
> want to make sure
> it would be ok to feed mic audio through this pin as
> well. I did
> this on my Icom 738 and it worked fine, but
> soldering those darn 13-
> pin DIN plugs is a real pain, and want to make sure
> it will work
> before I take the old plug off.
>
> Comments?
>
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

---
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# 238. Re: [TS-850] Feeding mic audio through ACCY connector

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-18 20:48:22 UTC
From: Bill
Topic: 235  Message: 238

It will work. I have the required impedance and audio
levels at home, if you need these let me know.

yes the 13 pin is a pain but using the right size wire
(TINY) and tinning the leads properly, and avoiding
caffiene will help a lot.

PS does anyone object to changing the name of this
group to TS-850_TS-450_TS-690? They are all
"brothers".

Thanks, let me know.
--- ve3tmt <ve3tmt@...> wrote:
>
> Currently I have the audio (PSK) tones fed into my
> 450 through the
> mic jack. I run the computer tones and mic audio
> first through a
> Behringer mixer/EQ and then onto the radio. I would
> prefer to run
> everything through the 13 pin accessory port on the
> back of the
> radio. The audio pin is labelled Packet Data, and I
> want to make sure
> it would be ok to feed mic audio through this pin as
> well. I did
> this on my Icom 738 and it worked fine, but
> soldering those darn 13-
> pin DIN plugs is a real pain, and want to make sure
> it will work
> before I take the old plug off.
>
> Comments?
>
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

---
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# 239. Re: Feeding mic audio through ACCY connector

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-18 20:59:57 UTC
From: ve3tmt
Topic: 235  Message: 239

--- In TS-850@y..., Bill <coorsbill@y...> wrote:
> It will work. I have the required impedance and audio
> levels at home, if you need these let me know.

Thanks Bill for the info.

> PS does anyone object to changing the name of this
> group to TS-850_TS-450_TS-690? They are all
> "brothers".

Not me!

# 240. Re: [TS-850]name change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-19 00:47:09 UTC
From: Stu
Topic: 240  Message: 240

> PS does anyone object to changing the name of this
> group to TS-850_TS-450_TS-690? They are all
> "brothers".
>
sure is ok with me
Stu MM0BSM

That minds me i need to get my 850 sorted will be in touch for help soon
Bill

www.islay.0catch.com

www.qsl.net/gm6nx

# 241. Re: [TS-850] Hi to all in the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-19 11:37:18 UTC
From: Paul Manuel
Topic: 234  Message: 241

--- Bill <coorsbill@...> wrote:
> I would like to be able to go DSB through the 6khz
> filters on my 850 just for grins.
>

Bill,
Did you know that there is a hidden menu setting in the 850 that will
allow you to select any frequency on transmit, as well as receive?
Not sure if this is what you want, but the info is at www.mods.dk
and it works on my 850, although I have never used it on the air--just to
try it on my own headphones.
The 850 is an awesome rig!
73,
Paul K4PDM

_____
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# 242. Re: [TS-850] Hi to all in the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-19 14:57:43 UTC
From: Bill
Topic: 234  Message: 242

Thanks I will check that out!

b

--- Paul Manuel <k4pdm@...> wrote:
>
> --- Bill <coorsbill@...> wrote:
> > I would like to be able to go DSB through the 6khz
> > filters on my 850 just for grins.
> >
>
> Bill,
> Did you know that there is a hidden menu setting in
> the 850 that will
> allow you to select any frequency on transmit, as
> well as receive?
> Not sure if this is what you want, but the info is
> at www.mods.dk
> and it works on my 850, although I have never used
> it on the air--just to
> try it on my own headphones.
> The 850 is an awesome rig!
> 73,
> Paul K4PDM
>
> _____
> Do You Yahoo!?
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>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
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# 243. Re: [TS-850] Hi to all in the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-19 15:43:52 UTC
From: Jeff Kilgore
Topic: 234  Message: 243

Which menu item is this? Is it menu item 35?

Thanks and 73,
Jeff, KC1MK

> Did you know that there is a hidden menu setting in the 850 that will
> allow you to select any frequency on transmit, as well as receive?
> Not sure if this is what you want, but the info is at www.mods.dk
> and it works on my 850, although I have never used it on the air--just to

# 244. Re: [TS-850] Hi to all in the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-19 17:20:29 UTC
From: Bill
Topic: 234  Message: 244

No, 35 has to do with running two-TS850s in split
mode.

b

--- Jeff Kilgore <the.weight@...> wrote:
> Which menu item is this? Is it menu item 35?
>
> Thanks and 73,
> Jeff, KC1MK
>
> > Did you know that there is a hidden menu setting
> in the 850 that will
> > allow you to select any frequency on transmit, as
> well as receive?
> > Not sure if this is what you want, but the info is
> at www.mods.dk
> > and it works on my 850, although I have never used
> it on the air--just to
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
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# 245. Re: [TS-850] Hi to all in the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-19 21:07:47 UTC
From: Paul Manuel
Topic: 234  Message: 245

> > --- Bill <coorsbill@...> wrote:
> > > I would like to be able to go DSB through the 6khz
> > > filters on my 850 just for grins.
> > Bill,
> > Did you know that there is a hidden menu setting in
> > the 850 that will allow you to select any frequency on transmit, as
> > well as receive?

I hope everyone knows I meant "filter," not "frequency!"
73,
Paul K4PDM

---------------------------------------------------
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# 246. Re: [TS-850] Hi to all in the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-19 21:13:10 UTC
From: Paul Manuel
Topic: 234  Message: 246

--- Jeff Kilgore <the.weight@...> wrote:
> Which menu item is this? Is it menu item 35?
> Thanks and 73,
> Jeff, KC1MK
>
> > Did you know that there is a hidden menu setting in the 850 that will
> > allow you to select any filter on transmit

No, it is item 01 in the menu that you access by pressing SCAN+TX-MCH at the same time. Allows you to transmit thru the 6 kHz filters if you want. I have done this only for testing purposes, as I am not sure of the true bandwidth and question its legality.
73,
Paul K4PDM

_____
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# 247. Re: [TS-850] Hi to all in the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-20 00:48:33 UTC
From: Bill
Topic: 234  Message: 247

It would be legal on HF fone freqs as it doesn't
exceed the bandwidth of an AM signal.

Not good to "hog" a second SSB channel unless the qso
you are in calls for DSB.

One NCS I know runs DSB, if QRM hits you just flop
over to the opposite sideband and there he is!

b

--- Paul Manuel <k4pdm@...> wrote:
>
> --- Jeff Kilgore <the.weight@...> wrote:
> > Which menu item is this? Is it menu item 35?
> > Thanks and 73,
> > Jeff, KC1MK
> >
> > > Did you know that there is a hidden menu setting
> in the 850 that will
> > > allow you to select any filter on transmit
>
> No, it is item 01 in the menu that you access by
> pressing SCAN+TX-MCH at
> the same time. Allows you to transmit thru the 6 kHz
> filters if you want.
> I have done this only for testing purposes, as I am
> not sure of the true
> bandwidth and question its legality.
> 73,
> Paul K4PDM
>
> _____
> Do You Yahoo!?
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>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
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# 248. Re: [TS-850] Hi to all in the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-20 12:10:50 UTC
From: Paul Manuel
Topic: 234  Message: 248

--- Bill <coorsbill@...> wrote:
> It would be legal on HF fone freqs as it doesn't
> exceed the bandwidth of an AM signal.
There used to be a regulation invoving "good amateur practice." I'm not sure these wide SSB signals are "good amateur practice."As we all know, part of the purpose of SSB was decreased transmit bandwidth.

73,
Paul K4PDM

---------------------------------------------------
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# 249. Re: [TS-850] Hi to all in the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-20 13:21:57 UTC
From: Bill
Topic: 234  Message: 249

Paul,

Don't forget that we are also supposed to be "experimenters". I also run AM on HF, and intend to build a vintage tube, plate-modulated rig for that mode. I find it quite enjoyable to run hi-fidelity modes on HF fone (and, even FM on 10m which uses up even more bandwidth).

In some situations, good amateur practice demands efficient, narrow-band modes, and in those cases I use them, such as in DX pileups, contests and nets. I also use the narrowest of the modes, CW, most often when on the air.

73

Bill, K0ZL
--- Paul Manuel <k4pdm@...> wrote:
>
> --- Bill <coorsbill@...> wrote:
> > It would be legal on HF fone freqs as it doesn't
> > exceed the bandwidth of an AM signal.
> There used to be a regulation invoving "good amateur
> practice." I'm not
> sure these wide SSB signals are "good amateur
> practice."As we all know,
> part of the purpose of SSB was decreased transmit
> bandwidth.
>
> 73,
> Paul K4PDM
>
>
>
> _____
> Do You Yahoo!?
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> http://health.yahoo.com
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

---
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# 250. Re: [TS-850] Hi to all in the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-20 19:36:46 UTC
From: Paul Manuel
Topic: 234  Message: 250

--- Bill <coorsbill@...> wrote:
> Paul,
>
> Don't forget that we are also supposed to be
> "experimenters". I also run AM on HF, and intend to
> build a vintage tube, plate-modulated rig for that
> mode.

Good point about the "experimentation," Bill. It is just a personal thing with me. I would love to have a good AM station. I guess I feel that AM is the place for folks who are after better fidelity.

On SSB, I don't think you can get much better than nice, crisp, articulate sound. I listen to the "Hi-Fi" folks thru the 6 kHz filters, and although they sound really smooth and mellow, to me it is just not how SSB is supposed to sound. I like it fine on AM.

I work in broadcasting and have access to lots of audio equipment and mics, and haven't really used any of them on the ham rigs. Just not my thing (which is not to say it never will be!)

73,
Paul K4PDM

---------------------------------------------------
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# 251. Re: [TS-850] Hi to all in the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-20 22:48:05 UTC
From: Bill
Topic: 234  Message: 251

Hi Paul.

The first time I tuned those guys in (and I mean "tuned"... they are hard to get just right!), my wife poked her head in the door and asked me who was in the shop with me! Can't get better compliment than that!

Phew, glad we were able to come to agreement on something!

Now... on the tx filters selection, I found the menu choice... it's SCAN + TX-M.CH and POWER on, then, menu choice 2 to allow filter selection in transmit, default is OFF. Another important setting on this menu is 7., to turn subtone ON or OFF, default is ON. Even if turned OFF, the display will read ON. hmmm

b
--- Paul Manuel <k4pdm@...> wrote:
>
> --- Bill <coorsbill@...> wrote:
> > Paul,
> >
> > Don't forget that we are also supposed to be
> > "experimenters". I also run AM on HF, and intend
> to
> > build a vintage tube, plate-modulated rig for that
> > mode.
> Good point about the "experimentation," Bill. It is
> just a personal thing
> with me. I would love to have a good AM station. I
> guess I feel that AM is
> the place for folks who are after better fidelity.
> On SSB, I don't think you can get much better than
> nice, crisp, articulate
> sound. I listen to the "Hi-Fi" folks thru the 6 kHz
> filters, and although
> they sound really smooth and mellow, to me it is
> just not how SSB is
> supposed to sound. I like it fine on AM.
> I work in broadcasting and have access to lots of
> audio equipment and
> mics, and haven't really used any of them on the ham
> rigs. Just not my
> thing (which is not to say it never will be!)
> 73,

> Paul K4PDM
>
> _____
> Do You Yahoo!?
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>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
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# 252. Noise blanker mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-21 06:22:18 UTC
From: maritimus49
Topic: 252  Message: 252

Hello All -
Has anyone had any experience with the noise blanker mod that is one
the Net? It involves removing the two caps C618 and C619. I have heard
different opinions about the effectiveness o this mod. Thanks.

73,
Bruce K6R

# 253. TS450 experts...get your schematics out!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-22 12:03:29 UTC
From: ve3tmt
Topic: 253  Message: 253

Hi all,

I am trying to find the optimum point for feeding audio into my TS450. I currently feed it into the ACCY connector on the back through the PKD (packet data) input. However I find on voice modes the average output is only around 30-40 watts however if I inject a 1 Khz tone into the same input it will easily do over 100 watts out. I use a condensor mic through a Behringer EQ and have tried all different types of settings. If you look at the IF board schematic, the PKD input goes through a network into the mic amp IC, the input from the mic connector itself ends up at the same spot only through a different chain. I have tried bypassing the mic gain pot, my audio tap is currently at MICVR2 (at the base of Q43) just before the input to the Balanced Modulator. The problem is now the mic gain pot still controls the input audio in a different way. At maximum CCW there is no audio, at maximum CW the same thing. At 12:00 there is input. It still functions properly through the mic jack, giving me an even increase through the rotation. Please take a look at your schematics and give me some ideas. I am trying to find the cleanest input point in the rig.

Thanks,

Max

# 254. Re: [TS-850] Noise blanker mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-22 12:34:16 UTC
From: Bill
Topic: 252  Message: 254

Haven't tried it. What does it do? Do you have a
link to it?

bill

--- maritimus49 <maritimus49@...> wrote:
> Hello All -
> Has anyone had any experience with the noise
> blanker mod that is one
> the Net? It involves removing the two caps C618 and
> C619. I have heard
> different opinions about the effectiveness o this
> mod. Thanks.
>
> 73,
> Bruce K6R
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

---------------------------------------------------
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# 255. Re: [TS-850] Noise blanker mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-22 12:44:13 UTC
From: w8krr
Topic: 252  Message: 255

Oh, man! Bill you have to do it - it involves removing two
capacitors, and the difference is unbelieveable. Unfortunately, I forget which caps, but someone will know!

Mike
----- Original Message -----
From: Bill
To: TS-850@yahoogroups.com
Sent: Monday, July 22, 2002 8:34 AM
Subject: Re: [TS-850] Noise blanker mod

Haven't tried it. What does it do? Do you have a
link to it?

bill

--- maritimus49 <maritimus49@...> wrote:
> Hello All -
> Has anyone had any experience with the noise
> blanker mod that is one
> the Net? It involves removing the two caps C618 and
> C619. I have heard
> different opinions about the effectiveness o this
> mod. Thanks.
>
> 73,
> Bruce K6R
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

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[Non-text portions of this message have been removed]

# 256. Re: [TS-850] TS450 experts...get your schematics out!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-22 13:36:28 UTC
From: Bill
Topic: 253  Message: 256

If your audio/PO decrease toward full level adj, it's
because the source is being loaded down too much. You
may need an impedance converter, such as LM324 with
about 1000 ohms in series with the output.

b

--- ve3tmt <ve3tmt@...> wrote:
>
> Hi all,
>
> I am trying to find the optimum point for feeding
> audio into my TS450.
> I currently feed it into the ACCY connector on the
> back through the
> PKD (packet data) input. However I find on voice
> modes the average
> output is only around 30-40 watts however if I
> inject a 1 Khz tone
> into the same input it will easily do over 100 watts
> out. I use a
> condensor mic through a Behringer EQ and have tried
> all different
> types of settings. If you look at the IF board
> schematic, the PKD
> input goes through a network into the mic amp IC,
> the input from the
> mic connector itself ends up at the same spot only
> through a
> different chain. I have tried bypassing the mic gain
> pot, my audio
> tap is currently at MICVR2 (at the base of Q43) just
> before the input
> to the Balanced Modulator. The problem is now the
> mic gain pot still
> controls the input audio in a different way. At
> maximum CCW there is
> no audio, at maximum CW the same thing. At 12:00
> there is input. It
> still functions properly through the mic jack,
> giving me an even
> increase through the rotation. Please take a look
> at your schematics
> and give me some ideas. I am trying to find the
> cleanest input point

> in the rig.
>
> Thanks,
>
> Max
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
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# 257. Re: [TS-850] Noise blanker mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-22 13:37:18 UTC
From: Bill
Topic: 252  Message: 257

Does it increase intermod from strong sigs? That
would be important to know. Have you done this yet?

thanks

b

--- w8krr <w8krr@...> wrote:
> Oh, man! Bill you have to do it - it involves
> removing two
> capacitors, and the difference is unbelieveable.
> Unfortunately, I forget which caps, but someone will
> know!
>
> Mike
> ----- Original Message -----
> From: Bill
> To: TS-850@yahoogroups.com
> Sent: Monday, July 22, 2002 8:34 AM
> Subject: Re: [TS-850] Noise blanker mod
>
>
> Haven't tried it. What does it do? Do you have
> a
> link to it?
>
> bill
>
>
> --- maritimus49 <maritimus49@...> wrote:
> > Hello All -
> > Has anyone had any experience with the noise
> > blanker mod that is one
> > the Net? It involves removing the two caps C618
> and
> > C619. I have heard
> > different opinions about the effectiveness o
> this
> > mod. Thanks.
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> > 73,
> > Bruce K6R
> >
> >
>
>

> =====
>
> Eccl 2:24, 25 A man can do nothing better than to
> eat and drink and find satisfaction in his work.
> This too, I see, is from the hand of God, for
> without him, who can eat or find enjoyment?
>
>
> _____
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>
> THANKS FOR USING TS-850@...
>
> Your use of Yahoo! Groups is subject to the Yahoo!
> Terms of Service.
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
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# 258. Re: [TS-850] TS450 experts...get your schematics out!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-22 13:57:07 UTC
From: Bill
Topic: 253  Message: 258

What is the output impedance of the Beringer, and what
is the output impedance of the generator that you used
for the 1khz tone, if known?

that will be a key

When I was driving my PK232 from my aux output on the
TS-850, I had to change the input resistor on the
PK232 and also the gain of the 1st stage as it was
insufficient. Granted, that was going the "other
way", from rig to TU, but the principles and
requirements are similar.

b

--- ve3tmt <ve3tmt@...> wrote:
>
> Hi all,
>
> I am trying to find the optimum point for feeding
> audio into my TS450.
> I currently feed it into the ACCY connector on the
> back through the
> PKD (packet data) input. However I find on voice
> modes the average
> output is only around 30-40 watts however if I
> inject a 1 Khz tone
> into the same input it will easily do over 100 watts
> out. I use a
> condensor mic through a Behringer EQ and have tried
> all different
> types of settings. If you look at the IF board
> schematic, the PKD
> input goes through a network into the mic amp IC,
> the input from the
> mic connector itself ends up at the same spot only
> through a
> different chain. I have tried bypassing the mic gain
> pot, my audio
> tap is currently at MICVR2 (at the base of Q43) just
> before the input
> to the Balanced Modulator. The problem is now the
> mic gain pot still
> controls the input audio in a different way. At
> maximum CCW there is
> no audio, at maximum CW the same thing. At 12:00

> there is input. It
> still functions properly through the mic jack,
> giving me an even
> increase through the rotation. Please take a look
> at your schematics
> and give me some ideas. I am trying to find the
> cleanest input point
> in the rig.
>
> Thanks,
>
> Max
>
>

=====

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# 259. Re: TS450 experts...get your schematics out!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-22 14:55:16 UTC
From: ve3tmt
Topic: 253  Message: 259

--- In TS-850@y..., Bill <coorsbill@y...> wrote:
> What is the output impedance of the Beringer, and what
> is the output impedance of the generator that you used
> for the 1khz tone, if known?

Bill,

Both my mic output and digital (psk etc) output from the computer are feed into the Behringer EQ/mixer. From there I adjust the appropriate output levels into the TS450. I had thought I bypassed the mic gain when I came off the mic gain pot, but the mic pot still has an effect on the input level. What about feeding it directing to the input of the balanced modulator AN612 IC8? Without a service manual I couldn't find Q43 on the board. It may be on the underside.

Max

# 260. Re: [TS-850] Re: TS450 experts...get your schematics out!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-22 15:31:10 UTC
From: Bill
Topic: 253  Message: 260

Give me a day or two to look at this.

b

--- ve3tmt <ve3tmt@...> wrote:
> --- In TS-850@y..., Bill <coorsbill@y...> wrote:
> > What is the output impedance of the Beringer, and
> what
> > is the output impedance of the generator that you
> used
> > for the 1khz tone, if known?
>
> Bill,
>
> Both my mic output and digital (psk etc) output from
> the computer are
> feed into the Behringer EQ/mixer. From there I
> adjust the appropriate
> output levels into the TS450. I had thought I
> bypassed the mic gain
> when I came off the mic gain pot, but the mic pot
> still has an effect
> on the input level. What about feeding it directing
> to the input of
> the balanced modulator AN612 IC8? Without a service
> manual I couldn't
> find Q43 on the board. It may be on the underside.
>
> Max
>
>
>

=====

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---
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# 261. Re: Noise blanker mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-22 16:18:35 UTC
From: maritimus49
Topic: 252  Message: 261

Hello Bill and the group -
I will look up the website that I found this on and get back to you. It is actually a very simple mod IF you can find the two capacitors with the aid of the service manual, which I don't have. The caps are C618 and C619. The procedure is to locate them and cut the traces that connect them to the NB circuit. This is a real interesting thing as the man who descibed this said that the NB on his 850 didn't seem to work much at all and that this mod greatly improved it. I have an 850 with a serial number of about 60,000,000 which makes it one of the later ones and my NB (NB1) seems to work well. I have a real bad powerline noise problem (it has led me to sell some rigs in the past because I didn't think I could operate from here) and the NB on my 850 makes it much easier to hear weaker SSB signals on 75 and 20 meters. The man who described the mod didn't mention any intermod problems and, in fact, he says that this mod makes the NB circuit just about the same as the NB circuit on his 940 which he says works very well. However, I received an email from someone else who said that the NB circuit on his 940 didn't work any better than the one on his 850! Anyway, good luck with this. I will get the web address for this because it has some comments about the improved performance.

73,
Bruce K6RQR

--- In TS-850@y..., Bill <coorsbill@y...> wrote:
> Does it increase intermod from strong sigs? That
> would be important to know. Have you done this yet?
>
> thanks
>
>
> b
>
> --- w8krr <w8krr@m...> wrote:
> > Oh, man! Bill you have to do it - it involves
> > removing two
> > capacitors, and the difference is unbelieveable.
> > Unfortunately, I forget which caps, but someone will
> > know!
> >
> > Mike
> > ----- Original Message -----
> > From: Bill
> > To: TS-850@y...
> > Sent: Monday, July 22, 2002 8:34 AM

> > Subject: Re: [TS-850] Noise blanker mod
> >
> >
> > Haven't tried it. What does it do? Do you have
> > a
> > link to it?
> >
> > bill
> >
> >
> > --- maritimus49 <maritimus49@y...> wrote:
> > > Hello All -
> > > Has anyone had any experience with the noise
> > > blanker mod that is one
> > > the Net? It involves removing the two caps C618
> > and
> > > C619. I have heard
> > > different opinions about the effectiveness o
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> > > mod. Thanks.
> > >
> > > 73,
> > > Bruce K6R
> > >
> > >
> >
> >
> > =====
> >
> > Eccl 2:24, 25 A man can do nothing better than to
> > eat and drink and find satisfaction in his work.
> > This too, I see, is from the hand of God, for
> > without him, who can eat or find enjoyment?
> >
> >
> > _____
> > Do You Yahoo!?
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> >
> >
> > THANKS FOR USING TS-850@Y...
> >
> > Your use of Yahoo! Groups is subject to the Yahoo!
> > Terms of Service.
> >

> >
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
>
> =====
>
> Eccl 2:24, 25 A man can do nothing better than to eat and drink and
find satisfaction in his work. This too, I see, is from the hand of
God, for without him, who can eat or find enjoyment?
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>
> _____
> Do You Yahoo!?
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# 262. Noise blanker mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-22 16:32:48 UTC
From: maritimus49
Topic: 252  Message: 262

Hello Bill and the group -
OK, if you will go to www.google.com and type in "TS-850 noise blanker mod" it will take you to a page of hits. Clink on the one at the top that says "New Page 1" and you will see the information about the mod. I hope this helps.

73,
Bruce

p.s. I must say how impressed I am with the 850. I have compared it with some of the most recent rigs, including an FT-920, and it really holds it own. I also enjoy SW listening and this is a fine rig for that. The velvety smooth tuning makes band cruising fun and I love that Kenwood audio. I use a couple of self-powered computer speakers (Labtec) and the audio is very good. I also decided on the 850 because I had read about the BC band attenuator mod to restore its excellent sensitivity to that band. I couldn't find any mods for several other current transceivers to do that. I would appreciate comments from anyone who has done this mod and the results they got. Thanks.

# 263. Re: [TS-850] Re: Noise blanker mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-22 17:14:04 UTC
From: Bill
Topic: 252  Message: 263

GREAT Bruce, good backround on this.

I will look into that to see what it actually does, removing those caps, before I try it. My noise blanker, if anything, works TOO well.... I find myself full CCW on the control and still wanting to turn it down some more, to reduce intermod...

Wonder if NB2 could be modified to work on more broad noise such as some power line stuff that NB1 won't touch?

b

--- maritimus49 <maritimus49@...> wrote:
> Hello Bill and the group -
> I will look up the website that I found this on and
> get back to you.
> It is actually a very simple mod IF you can find the
> two capacitors
> with the aid of the service manual, which I don't
> have. The caps are
> C618 and C619. The procedure is to locate them and
> cut the traces
> that connect them to the NB circuit. This is a real
> interesting thing
> as the man who descibed this said that the NB on his
> 850 didn't seem
> to work much at all and that this mod greatly
> improved it. I have an
> 850 with a serial number of about 60,000,000 which
> makes it one of
> the later ones and my NB (NB1) seems to work well. I
> have a real bad
> powerline noise problem (it has led me to sell some
> rigs in the past
> because I didn't think I could operate from here)
> and the NB on my
> 850 makes it much easier to hear weaker SSB signals
> on 75 and 20
> meters. The man who described the mod didn't mention
> any intermod
> problems and, in fact, he says that this mod makes
> the NB circuit
> just about the same as the NB circuit on his 940
> which he says works

> very well. However, I received an email from someone
> else who said
> that the NB circuit on his 940 didn't work any
> better than the one on
> his 850! Anyway, good luck with this. I will get the
> web address for
> this because it has some comments about the improved
> performance.
>
> 73,
> Bruce K6RQR
>

=====

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# 264. Re: [TS-850] Noise blanker mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-22 17:42:35 UTC
From: Bill
Topic: 252  Message: 264

I replaced the resistor that goes to ground on the AM filter mod, with a 1mHy choke, that did the trick.

I also do same mod on the TS-440! That one just requires removal of 3 resistors and addition of a wire jumper on the RF unit.

Other mods I have on my 850:

Fan mod. They have a resistor in series with the 12v to the fan; I jumpered it out to make fan run faster, no noticeable increase in noise.

CW SIDETONE mod, moves the sidetone LEVEL out to the front panel, absolutely necessary for full-break-in CW to work right.

Out of band tx mod. I work on gov't amps at 8.8 and 16 mhz and need to be able to drive them, plus we are getting 5 mhz in couple years...

Lightning prot mod.. added 1 mHy pi-wound choke across the DSA301LA suppressor (glass-looking thing on the ant switch unit), keeps high DC volts from developing across the ant lead in rx (reads 50k resistance to ground in rx mode!).

b

--- maritimus49 <maritimus49@...> wrote:
> Hello Bill and the group -
> OK, if you will go to www.google.com and type in
> "TS-850 noise
> blanker mod" it will take you to a page of hits.
> Clink on the one at
> the top that says "New Page 1" and you will see the
> information about
> the mod. I hope this helps.
>
> 73,
> Bruce
>
> p.s. I must say how impressed I am with the 850. I
> have compared it
> with some of the most recent rigs, including an
> FT-920, and it really
> holds it own. I also enjoy SW listening and this is

> a fine rig for
> that. The velvety smooth tuning makes band cruising
> fun and I love
> that Kenwood audio. I use a couple of self-powered
> computer speakers
> (Labtec) and the audio is very good. I also decided
> on the 850
> because I had read about the BC band attenuator mod
> to restore its
> excellent sensitivity to that band. I couldn't find
> any mods for
> several other current transceivers to do that. I
> would appreciate
> comments from anyone who has done this mod and the
> results they got.
> Thanks.
>
>

=====

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# 265. Another idea regarding mic feed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-22 18:38:20 UTC
From: ve3tmt
Topic: 265  Message: 265

Bill,

According to the Kenwood manual, if you use Pin 9 for PTT instead of Pin 13 it disables the microphone input from the front of the rig. I wonder if is disables the mic gain pot as well??

# 266. Re: [TS-850] Another idea regarding mic feed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-22 19:11:20 UTC
From: Bill
Topic: 265  Message: 266

Not sure, will check

--- ve3tmt <ve3tmt@...> wrote:
>
>
> Bill,
>
> According to the Kenwood manual, if you use Pin 9
> for PTT instead of
> Pin 13 it disables the microphone input from the
> front of the rig. I
> wonder if is disables the mic gain pot as well??
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
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# 267. Re: [TS-850] Another idea regarding mic feed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-22 19:12:28 UTC
From: Bill
Topic: 265  Message: 267

Yup I think yer right.. it slams a muting transistor
across the hot side of the mic gain pot, that's whats
drawing your audio down

b

--- ve3tmt <ve3tmt@...> wrote:
>
>
> Bill,
>
> According to the Kenwood manual, if you use Pin 9
> for PTT instead of
> Pin 13 it disables the microphone input from the
> front of the rig. I
> wonder if is disables the mic gain pot as well??
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>

=====

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---
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# 268. Re: Another idea regarding mic feed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-22 19:29:13 UTC
From: ve3tmt
Topic: 265  Message: 268

--- In TS-850@y..., Bill <coorsbill@y...> wrote:
> Yup I think yer right.. it slams a muting transistor
> across the hot side of the mic gain pot, that's whats
> drawing your audio down

Bill,

I am using pin 13 right now, haven't tried the pin 9 idea. So if I use pin 9 it should disable the mic pot, correct? As I have it right now, the audio signal coming in thru the ACCY connector goes right to the MICVR2 pin (base of Q43 through coupling cap). I had assumed this was the output side of the mic pot. Yet varying the pot still affects my audio level. I guess I will try using pin 9 for the PTT and see what happens.

Max

# 269. Re: [TS-850] Re: Another idea regarding mic feed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-22 19:57:32 UTC
From: Bill
Topic: 265  Message: 269

Yes, varying the pot varies the load on that circuit.
I will look further when I get home today.
These rigs really need to have an isolation amp on all
the aux inputs (and a photocoupler would be very nice
too!), but they don't

b

--- ve3tmt <ve3tmt@...> wrote:
> --- In TS-850@y..., Bill <coorsbill@y...> wrote:
> > Yup I think yer right.. it slams a muting
> transistor
> > across the hot side of the mic gain pot, that's
> whats
> > drawing your audio down
>
>
> Bill,
>
> I am using pin 13 right now, haven't tried the pin 9
> idea. So if I
> use pin 9 it should disable the mic pot, correct?
> As I have it right
> now, the audio signal coming in thru the ACCY
> connector goes right to
> the MICVR2 pin (base of Q43 through coupling cap). I
> had assumed this
> was the output side of the mic pot. Yet varying the
> pot still
> affects my audio level. I guess I will try using
> pin 9 for the PTT
> and see what happens.
>
> Max
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

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# 270. [TS-850_450_690] TS-850 group name/addresses have changed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-23 03:29:43 UTC
From: notify@yahoogroups.com
Topic: 270  Message: 270

Hello,

The moderator of the TS-850 group has changed the group's name.
This means that both the group's email address and the group home page
location have changed.

The group email address:
TS-850_450_690@yahoogroups.com

The group home page location:
http://groups.yahoo.com/group/TS-850_450_690

If you have links which point to this group or an address book entry
for the group, you should update them, as the old addresses will no
longer work.

Regards,

Yahoo! Groups Customer Care

# 271. spare rf deck

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-23 13:02:20 UTC
From: coorsbill
Topic: 271  Message: 271

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1368600763

# 272. TS-850, etc. for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-25 01:37:09 UTC
From: Jeff Kilgore
Topic: 272  Message: 272

Kenwood TS-850S/AT - I bought this new in 1994 and have used it for my main rig since then. It has INRAD 400-Hz filters in the 8.83-Mhz and 455-kHz IFs, and an INRAD 2.1-kHz filter in the 8.83-MHz IF, and comes with a Kenwood MC-50 microphone and homebrew computer interface (uses Maxim 232 IC, in nice case). The radio is in very good condition, no scratches or dings, non-smoking environment. With original manuals and original box. $1250 plus shipping

I have some additional items for sale on rec.radio.swap, but didn't want to list non-Kenwood items here. BTW, I'm selling this to clear some space and help pay for an IC-756Pro II. I hate to part with it, but I must!

73,
Jeff Kilgore, KC1MK

# 273. Re: [TS-850_450_690] TS-850, etc. for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-25 21:47:52 UTC
From: Bill
Topic: 272  Message: 273

Jeff, not a bad price for all that. Good luck
selling, I hope someone in the group picks up this
fine rig.

bill
K0ZL

--- Jeff Kilgore <the.weight@...> wrote:
> Kenwood TS-850S/AT - I bought this new in 1994 and
> have used it for my
> main rig since then. It has INRAD 400-Hz filters in
> the
> 8.83-Mhz and 455-kHz IFs, and an INRAD 2.1-kHz
> filter in the 8.83-MHz IF,
> and comes with a Kenwood MC-50 microphone and
> homebrew computer interface
> (uses Maxim 232 IC, in nice case). The radio is in
> very good
> condition, no scratches or dings, non-smoking
> environment. With original
> manuals and original box. $1250 plus shipping
>
> I have some additional items for sale on
> rec.radio.swap, but didn't want to
> list non-Kenwood items here. BTW, I'm selling this
> to clear some space and
> help pay for an IC-756Pro II. I hate to part with
> it, but I must!
>
> 73,
> Jeff Kilgore, KC1MK
>
>
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

---------------------------------------------------
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# 274. Re: TS-850, etc. for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-26 02:55:03 UTC
From: ve3tmt
Topic: 272  Message: 274

--- In TS-850_450_690@y..., Bill <coorsbill@y...> wrote:
> Jeff, not a bad price for all that. Good luck
> selling, I hope someone in the group picks up this
> fine rig.
>
> bill
> K0ZL

Wish I could oblige Jeff, but my wife would shoot me!!

# 275. Which meter reading to trust?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-26 02:59:18 UTC
From: ve3tmt
Topic: 275  Message: 275

Simple question...

MFJ analog meter on tuner shows only 30-40 watts average output on SSB. PSK tones from PC easily drive meter to over 100 watts. Whistles also no problem. However the RF meter on my TS450 easily peaks over the 100 watt mark on either. Understanding that the digital meter on the TS450 is far quicker than the MFJ meter, I'm wondering which one to believe. IF I am in fact only averaging 30-40 watts out, how can I do better? Mic is an Apex 430 studio mic through a Behringer mixer. Any ideas or comments??

Thanks,

Max

# 276. Re: [TS-850_450_690] Re: TS-850, etc. for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-26 03:19:15 UTC
From: Jeff Kilgore
Topic: 272  Message: 276

I probably just came perilously close to that fate myself; I just got an ICOM IC-756PRO2!

Actually, my wife is quite tolerant of my hobbies. Tomorrow is our 16th anniversary, so I'm going to leave the radios off tomorrow!

73,
Jeff, KC1MK

>
> Wish I could oblige Jeff, but my wife would shoot me!!
>
>

# 277. Re: TS-850, etc. for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-26 04:22:20 UTC
From: ve3tmt
Topic: 272  Message: 277

--- In TS-850_450_690@y..., "Jeff Kilgore" <the.weight@v...> wrote:
> I probably just came perilously close to that fate myself; I just got an
> ICOM IC-756PRO2!
>
> Actually, my wife is quite tolerant of my hobbies. Tomorrow is our 16th
> anniversary, so I'm going to leave the radios off tomorrow!
>
> 73,
> Jeff, KC1MK

Congrats Jeff! Yes my wife isn't that bad. We celebrated our 12th in April. It's amazing though how all these radios look the same isn't it hihi!

# 278. Re: [TS-850_450_690] Which meter reading to trust?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-27 02:00:58 UTC
From: Bill
Topic: 275  Message: 278

You don't want to average more than 30-40 watts!
Believe the meter on the TS-450, if the swr is below
1.5:1 it will be accurate. You should also be able to
set a "peak hold" feature on the menu; I have mine
turned on in my TS-850 and it's really neat!

Look for a "peak reading" wattmeter add-on that can
add peak power hold to any analog meter.

Also, when looking at your transmitter, you should be
setting your mic gain to get proper ALC action at
whatever power output you are set to, and not pay much
attention to the wattmeter.

bill

--- ve3tmt <ve3tmt@...> wrote:
> Simple question...
>
> MFJ analog meter on tuner shows only 30-40 watts
> average output on
> SSB. PSK tones from PC easily drive meter to over
> 100 watts.
> Whistles also no problem. However the RF meter on my
> TS450 easily
> peaks over the 100 watt mark on either.
> Understanding that the
> digital meter on the TS450 is far quicker than the
> MFJ meter, I'm
> wondering which one to believe. IF I am in fact
> only averaging 30-40
> watts out, how can I do better? Mic is an Apex 430
> studio mic
> through a Behringer mixer. Any ideas or comments??
>
> Thanks,
>
> Max
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

---
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# 279. Re: [TS-850_450_690] Re: TS-850, etc. for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-27 02:03:25 UTC
From: Bill
Topic: 272  Message: 279

Jeff you have discovered the TRUE path to marital
peace and long-term success! :)

My wife hit a big jackpot about 8 years ago (we no
longer gamble), and when I got home from work, all she
asked me was, "how much does the TS-850 cost?"... I
said, "with, or without filters?" She said, "With!"

Holy cow I almost passed out. The next day we were
down at HRO picking up the new baby!

Bonnie is KB0HTC by the way; k-b-0-hide-the-cash!!!

73

bill K0ZL
--- Jeff Kilgore <the.weight@...> wrote:
> I probably just came perilously close to that fate
> myself; I just got an
> ICOM IC-756PRO2!
>
> Actually, my wife is quite tolerant of my hobbies.
> Tomorrow is our 16th
> anniversary, so I'm going to leave the radios off
> tomorrow!
>
> 73,
> Jeff, KC1MK
>
> >
> > Wish I could oblige Jeff, but my wife would shoot
> me!!
> >
> >
>
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

---
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# 280. Re: Which meter reading to trust?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-27 14:20:56 UTC
From: ve3tmt
Topic: 275  Message: 280

--- In TS-850_450_690@y..., Bill <coorsbill@y...> wrote:
> You don't want to average more than 30-40 watts!
> Believe the meter on the TS-450, if the swr is below
> 1.5:1 it will be accurate. You should also be able to
> set a "peak hold" feature on the menu; I have mine
> turned on in my TS-850 and it's really neat!

> Also, when looking at your transmitter, you should be
> setting your mic gain to get proper ALC action at
> whatever power output you are set to, and not pay much
> attention to the wattmeter.

I have no problem averaging 30-40 watts, but I barely have to open the mic gain pot before I am exceeding the ALC on voice peaks. Makes you wonder why they even put a mic gain control on the radio. Mine sits at about the 7:30 position.

Max

# 281. Re: [TS-850_450_690] Re: Which meter reading to trust?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-27 16:12:28 UTC
From: Bill
Topic: 275  Message: 281

I use the mic gain to reduce backround noise... very
nice when mobile, or if the dogs start barkin.

b

--- ve3tmt <ve3tmt@...> wrote:
> --- In TS-850_450_690@y..., Bill <coorsbill@y...>
> wrote:
> > You don't want to average more than 30-40 watts!
> > Believe the meter on the TS-450, if the swr is
> below
> > 1.5:1 it will be accurate. You should also be
> able to
> > set a "peak hold" feature on the menu; I have mine
> > turned on in my TS-850 and it's really neat!
>
> > Also, when looking at your transmitter, you should
> be
> > setting your mic gain to get proper ALC action at
> > whatever power output you are set to, and not pay
> much
> > attention to the wattmeter.
>
> I have no problem averaging 30-40 watts, but I
> barely have to open
> the mic gain pot before I am exceeding the ALC on
> voice peaks. Makes
> you wonder why they even put a mic gain control on
> the radio. Mine
> sits at about the 7:30 position.
>
> Max
>
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

---
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# 282. Re: TS450 experts...get your schematics out!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-27 23:07:30 UTC
From: bud Thompson
Topic: 253  Message: 282

Deltona, FL
Saturday July 28 1830EST

(Pardon me if this has been resolved.... been out of town for a while and trying to get caught up.)

>However I find on voice modes the average
>output is only around 30-40 watts however if I inject a 1 kHz tone
>into the same input it will easily do over 100 watts out.

This is normal for SSB and FM modulators. The power in typical "voice" input is spread over the audio spectrum from (nominally) 300 Hz to more than 2.5Khz. (Do you sing tenor or bass in the church choir?) An average power meter will average that out, thus read "low". A pure sine wave 1Khhz tone (or any other single tone frequency in the passband of a transmitter) has its power concentrated in a more narrow band, thus "reads" more apparent power output on an average reading meter. Bet that if you used a peak-reading meter you might see less difference between the two tests.

If you are using AFSK (LSB or USB) mode for data (packet, PacTOR, PSK31, etc) on the Kenwood 450, you would probably be ahead to use the 13-pin ACC line input as that is what it is designed for. If your data controller will support FSK, you'd be ahead to use FSK! (Yeah, old fashioned, but a keeper!)

>When I was driving my PK232 from my aux output on the
>TS-850, I had to change the input resistor on the
>PK232 and also the gain of the 1st stage as it was
>insufficient.

Very typical of the PK-232! I don't know of any Kenwood (940, 850, 450) that can be driven properly by the stock PK-232!

73,
bud N0IA

Original Message:

Message: 1
Date: Mon, 22 Jul 2002 12:03:29 -0000
From: "ve3tmt" <ve3tmt@...>
Subject: TS450 experts...get your schematics out!

Hi all,

I am trying to find the optimum point for feeding audio into my TS450. I currently feed it into the ACCY connector on the back through the PKD (packet data) input. However I find on voice modes the average output is only around 30-40 watts however if I inject a 1 Khz tone

into the same input it will easily do over 100 watts out. I use a condensor mic through a Behringer EQ and have tried all different types of settings. If you look at the IF board schematic, the PKD input goes through a network into the mic amp IC, the input from the mic connector itself ends up at the same spot only through a different chain. I have tried bypassing the mic gain pot, my audio tap is currently at MICVR2 (at the base of Q43) just before the input to the Balanced Modulator. The problem is now the mic gain pot still controls the input audio in a different way. At maximum CCW there is no audio, at maximum CW the same thing. At 12:00 there is input. It still functions properly through the mic jack, giving me an even increase through the rotation. Please take a look at your schematics and give me some ideas. I am trying to find the cleanest input point in the rig.

Thanks,

Max

!!More:

Message: 6
Date: Mon, 22 Jul 2002 06:57:07 -0700 (PDT)
From: Bill <coorsbill@...>
Subject: Re: TS450 experts...get your schematics out!

What is the output impedance of the Beringer, and what is the output impedance of the generator that you used for the 1khz tone, if known?

that will be a key

When I was driving my PK232 from my aux output on the TS-850, I had to change the input resistor on the PK232 and also the gain of the 1st stage as it was insufficient. Granted, that was going the "other way", from rig to TU, but the principles and requirements are similar.

b

# 283. Re: [TS-850_450_690] Re: TS450 experts...get your schematics out!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-27 23:22:24 UTC
From: Bill
Topic: 253  Message: 283

Most terminal units, if you are using a fixed audio
source from any rig, have to be modified to match the
rig's impedance and level output. But after you do
it, the TU will decode much more reliably and it won't
be dependent on the volume control setting, which can
be turned up or down as desired without affecting
copy. Same holds true for the computer sound card
input; a steady input level is always better.

b

--- bud Thompson <budt@...> wrote:

> >When I was driving my PK232 from my aux output on
> the
> >TS-850, I had to change the input resistor on the
> >PK232 and also the gain of the 1st stage as it was
> >insufficient.
>
> Very typical of the PK-232! I don't know of any
> Kenwood (940, 850, 450)
> that can be driven properly by the stock PK-232!
>
> 73,
> bud N0IA
>
>
> Original Message:
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in
his work. This too, I see, is from the hand of God, for without him, who can eat or find
enjoyment?

_____
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# 284. (no subject)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-28 12:53:18 UTC
From: coorsbill
Topic: 284  Message: 284

Welcome to Leon, ZS4Y!

Leon, and other new members that I haven't had time to acknowledge (sorry), why not hit the "reply" button now and tell us about yourself and your station? Is there any questions we can help you with?

73!

Bill
TS-850AT/500hz filters/mods

# 285. New Member KG4SLM

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-28 14:10:02 UTC
From: Mark Abel
Topic: 285  Message: 285

Hello Group,

I'm new member here, callsign is KG4SLM, name is Mark. I was first licensed in March and upgraded to General in May. I'm 41 years old, married for 20 years to Jane. We have two boys, Zachary (13) and Jacob (7). Just recently got interested in Ham radio and I wish I had known how much fun this stuff was 20 years ago. But, anyway, here I am, a "novice" Ham at 41. I recently purchased a TS-850sat from a Ham friend and have been listening only on a long wire strung around the perimeter of my den. I have been amazed by what I've heard, Europe, the Middle East, etc. I'm waiting on the Dacron rope to come in so I can hang a 80 meter horizontal loop and talk as well as listen. In the short time I have been a member of this group, I have already seen that there is a wealth of knowledge here. Does anyone have any recommendations for a good antenna tuner?

73,
Mark

[Non-text portions of this message have been removed]

# 286. Re: [TS-850_450_690] New Member KG4SLM

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-28 14:35:39 UTC
From: Jim Henington
Topic: 285  Message: 286

Welcome Mark,
I have just been on the list a short time but you are right about it being a good source of info. I have a TS850s any my internal tuner does a great job. Ive had a couple of MFJ tuners that worked great for me also. Glad to have you in Ham Radio the hobby need lots more young blood.
73's ki5ox.

Jim & Trisha Henington
Rv-Club R-2682, Good Sam
2001 Wilderness 27' TT
2002 3/4T HD 6.6 Duramax Chev P/U
RV and Crafts Go Good Together
----- Original Message -----
From: Mark Abel
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, July 28, 2002 9:10 AM
Subject: [TS-850_450_690] New Member KG4SLM

Hello Group,

I'm new member here, callsign is KG4SLM, name is Mark. I was first licensed in March and upgraded to General in May. I'm 41 years old, married for 20 years to Jane. We have two boys, Zachary (13) and Jacob (7). Just recently got interested in Ham radio and I wish I had known how much fun this stuff was 20 years ago. But, anyway, here I am, a "novice" Ham at 41. I recently purchased a TS-850sat from a Ham friend and have been listening only on a long wire strung around the perimeter of my den. I have been amazed by what I've heard, Europe, the Middle East, etc. I'm waiting on the Dacron rope to come in so I can hang a 80 meter horizontal loop and talk as well as listen. In the short time I have been a member of this group, I have already seen that there is a wealth of knowledge here. Does anyone have any recommendations for a good antenna tuner?

73,
Mark

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 287. Re: [TS-850_450_690] New Member KG4SLM

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-28 14:46:37 UTC
From: Mark Abel
Topic: 285  Message: 287

Thanks for the info Jim, I'm going to the Huntsville,AL (we live near Tuscaloosa, AL) hamfest in August and I'm hoping to pick up a tuner there at a good price. There are a lot of MFJs out there, which one would be good with a wire loop? I'm probably going to be running barefoot for a while, so no need for high power model just yet.
----- Original Message -----
From: Jjm Henington
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, July 28, 2002 9:35 AM
Subject: Re: [TS-850_450_690] New Member KG4SLM

Welcome Mark,
I have just been on the list a short time but you are right about it being a good source of info. I have a TS850s any my internal tuner does a great job. Ive had a couple of MFJ tuners that worked great for me also. Glad to have you in Ham Radio the hobby need lots more young blood.
73's ki5ox.

Jim & Trisha Henington
Rv-Club R-2682, Good Sam
2001 Wilderness 27' TT
2002 3/4T HD 6.6 Duramax Chev P/U
RV and Crafts Go Good Together
----- Original Message -----
From: Mark Abel
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, July 28, 2002 9:10 AM
Subject: [TS-850_450_690] New Member KG4SLM

Hello Group,

I'm new member here, callsign is KG4SLM, name is Mark. I was first licensed in March and upgraded to General in May. I'm 41 years old, married for 20 years to Jane. We have two boys, Zachary (13) and Jacob (7). Just recently got interested in Ham radio and I wish I had known how much fun this stuff was 20 years ago. But, anyway, here I am, a "novice" Ham at 41. I recently purchased a TS-850sat from a Ham friend and have been listening only on a long wire strung around the perimeter of my den. I have been amazed by what I've heard, Europe, the Middle East, etc. I'm waiting on the Dacron rope to come in so I can hang a 80 meter horizontal loop and talk as well as listen. In the short time I have been a member of this group, I have already seen that there is a wealth of knowledge here. Does anyone have any recommendations for a good antenna tuner?

73,
Mark

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# 288. FS: TS-850, etc

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-28 14:49:37 UTC
From: Jeff Kilgore
Topic: 288  Message: 288

I have the following equipment for sale (I need to clear some space, and help pay for an IC-756Pro II). I will start putting any unsold items on eBay on August 1.

Kenwood TS-850S/AT - I bought this new in 1994 and have used it for my main rig since then. It has INRAD 400-Hz filters in the 8.83-Mhz and 455-kHz IFs, and an INRAD 2.1-kHz filter in the 8.83-MHz IF, and comes with a Kenwood MC-50 microphone and homebrew computer interface (uses Maxim 232 IC, in nice case). The radio, mic, and computer interface are in very good condition, works fine, no scratches or dings, non-smoking environment. With original manuals and original box. $1150 plus shipping

Timewave DSP-59+ audio digital signal processor - I bought this new and it has worked with no problems since. It works very well with the TS-850. Very good condition, works fine, no scratches or dings. With original manual. $125 plus shipping

Electrovoice 641 microphone - A great mic for boatanchors. In very good condition, includes stand with PTT switch, wired with 2-pin microphone connecter (easily rewired if needed). $65 plus shipping

Kenwood R-599A receiver - Good condition, some minor wear, works fine, with photocopy manual. $125 plus shipping

Kenwood TH-215A 2-meter FM HT - Good condition, works fine, with original manual, original charger (original battery is included, but is dead), aftermarket W&W hi-capacity battery and drop-in charger. $80 plus shipping

Radio Shack HTX-202 2-meter FM HT - Very good condition. I bought this new several years ago. Works fine, no scratches or dings, includes original manual, NiCd battery, and charger. $75 plus shipping

Vibroplex Original semiautomatic key - Very good condition, works fine, no dings or scratches. I bought this new in 1988. $70 plus shipping

Realistic Pro-25 scanner - Very good condition, works fine, no dings or scratches. $40 plus shipping

Hewlett-Packard HP41CX calculator, with magnetic card reader, Advantage module, original manuals and boxes, and several additional books on the HP41. $400 plus shipping

All items will be carefully packaged. Payment by USPS money order, PayPal, or personal check (personal checks must clear before shipping).

73,
Jeff Kilgore, KC1MK

# 289. Re: New Member KG4SLM

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-28 14:56:36 UTC
From: ve3tmt
Topic: 285  Message: 289

Hello Mark and welcome to the group. I have been a member just a short time, but there is a wealth of information to be found on here through other members experiences. I'm running a TS450S in my shack, but I'm saving my pennies for either an 850 or 870. I've been a ham since 1990 and I'm still learning new things about this great hobby every day. I remember when I was 14 and worked a fellow on CB channel 16 LSB. He was only about 10 miles away but I was hooked. I made a pledge to myself to get my amateur licence no matter what, and 12 years later I did! And my wife couldn't be happier HIHI. Anyway, welcome aboard, and if you have any questions, post them and you will get your answers, guaranteed.

73,

Max
Ontario Canada

# 290. Re: [TS-850_450_690] Re: New Member KG4SLM

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-28 17:30:43 UTC
From: Mark Abel
Topic: 285  Message: 290

Thanks Max,

I discovered this hobby in kind of an unusual way, I guess. I bought a handheld Bearcat scanner to take to the NASCAR race in Talladega so we could listen to the drivers talk to the pits and spotters. After we came home from the race I started playing with the scanner to see what else I could hear. I first put in all the public service freqs and soon got bored with that. Then I found the 2 meter Ham band and heard some guys I know talking about their rigs, antennas, propagation, etc,etc and needless to say I was fascinated. I got my Tech ticket, upgraded to General and am currently studying for the Extra class test. I have much respect for you guys who got their license when the code was much faster than 5wpm and the test was NOT multiple choice. It must've been tough.
Anyway, one of the best things I've found about this hobby is the people. Everyone has been so helpful and this is one newbie who appreciates the help. I do have a degree in electronics and worked as a tech for several years so I understand some of what is going on, but radio is somewhat of a different animal. My first taste at antenna building was a 1/4 wave ground-plane antenna for the scanner which allows me to listen to 2 meter repeaters up to 50 miles away whereas before, I was only picking up local (<20 miles) repeaters. Boy was that satisfying. My wife loves (ha) how it looks hanging from the ceiling by a cup-hook. I do have a 2 meter rig in my pick-up now but not in the house (yet). Please forgive my rambling but I do have a TS-850sat and will need help getting and keeping it on the air.

Mark

From: ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, July 28, 2002 9:56 AM
Subject: [TS-850_450_690] Re: New Member KG4SLM

Hello Mark and welcome to the group. I have been a member just a
short time, but there is a wealth of information to be found on here
through other members experiences. I'm running a TS450S in my shack,
but I'm saving my pennies for either an 850 or 870. I've been a ham
since 1990 and I'm still learning new things about this great hobby
every day. I remember when I was 14 and worked a fellow on CB channel
16 LSB. He was only about 10 miles away but I was hooked. I made a
pledge to myself to get my amateur licence no matter what, and 12
years later I did! And my wife couldn't be happier HIHI. Anyway,
welcome aboard, and if you have any questions, post them and you will
get your answers, guaranteed.

73,

Max
Ontario Canada

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[Non-text portions of this message have been removed]

# 291. Re: New Member KG4SLM

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-28 19:19:32 UTC
From: ve3tmt
Topic: 285  Message: 291

Mark,

Lots of 850 experts in here. I too love NASCAR. Went to Michigan in '97, Took my son to Martinsville last April, and I'm heading to Loudon in September. I'm a big Mark Martin fan. Anyway, look forward to any questions you have. Great bunch of guys in here.

73,

Max

# 292. Re: [TS-850_450_690] New Member KG4SLM

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-29 03:50:36 UTC
From: Jjm Henington
Topic: 285  Message: 292

Mark, the MFJ,s that I had were not rated for amp useage but that was about 12yrs ago and I just can't recall the model numbers. I was using them on a 80 meter Sky Loop wire antenna and they worked great on 80, 40, 15 & 10. Bet some of the other guys will come up with some more suggestion. MFJ is rather low end but worked good for me.
73's
Jim & Trisha Henington
Rv-Club R-2682, Good Sam
2001 Wilderness 27' TT
2002 3/4T HD 6.6 Duramax Chev P/U
RV and Crafts Go Good Together
----- Original Message -----
From: Mark Abel
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, July 28, 2002 9:46 AM
Subject: Re: [TS-850_450_690] New Member KG4SLM

Thanks for the info Jim, I'm going to the Huntsville,AL (we live near Tuscaloosa, AL) hamfest in August and I'm hoping to pick up a tuner there at a good price. There are a lot of MFJs out there, which one would be good with a wire loop? I'm probably going to be running barefoot for a while, so no need for high power model just yet.
----- Original Message -----
From: Jjm Henington
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, July 28, 2002 9:35 AM
Subject: Re: [TS-850_450_690] New Member KG4SLM

Welcome Mark,
I have just been on the list a short time but you are right about it being a good source of info. I have a TS850s any my internal tuner does a great job. Ive had a couple of MFJ tuners that worked great for me also. Glad to have you in Ham Radio the hobby need lots more young blood.
73's ki5ox.

Jim & Trisha Henington
Rv-Club R-2682, Good Sam
2001 Wilderness 27' TT
2002 3/4T HD 6.6 Duramax Chev P/U
RV and Crafts Go Good Together
----- Original Message -----
From: Mark Abel
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, July 28, 2002 9:10 AM
Subject: [TS-850_450_690] New Member KG4SLM

Hello Group,

I'm new member here, callsign is KG4SLM, name is Mark. I was first licensed in March and upgraded to General in May. I'm 41 years old, married for 20 years to Jane. We have two boys, Zachary (13) and Jacob (7). Just recently got interested in Ham radio and I wish I had known how much fun this stuff was 20 years ago. But, anyway, here I am, a "novice" Ham at 41. I recently purchased a TS-850sat from a Ham friend and have been listening only on a long wire strung around the perimeter of my den. I have been amazed by what I've heard, Europe, the Middle East, etc. I'm waiting on the Dacron rope to come in so I can hang a 80 meter horizontal loop and talk as well as listen. In the short time I have been a member of this group, I have already seen that there is a wealth of knowledge here. Does anyone have any recommendations for a good antenna tuner?

73,
Mark

[Non-text portions of this message have been removed]

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# 293. Re: [TS-850_450_690] TUNERS, etc

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-29 12:48:46 UTC
From: Bill
Topic: 285  Message: 293

Mark,
Welcome to Ham Radio! and, a "novice" with a
TS-850??!!

When I was first licensed I was lucky to have a
SX-101A and a one-tube CW transmitter (homebuilt, not
bad looking and it worked), later a Johnson Viking 1
and "slider" vfo (had to keep touching up the tuning
to keep it on a QSO!)... So you are blessed my friend.

The best antenna tuner is "none"!

I really like tuning my antennas so the SWR is 1.5:1
or better on my favorite operating frequecies, then
use the internal AT for the occasional excursion
outside of that range. The 80M loop is a good one,
and if fed with ladder line you can use an EXTERNAL
tuner to make it go on most if not all other HF bands.

You can use the MFJ if you get the KILOWATT rated
models. Don't mess with the so-called "100" or "300"
watt rated ones. They will arc at 100 watts with some
antennas and some freqs. Also the KILOWATT tuners
have larger baluns to go to the open-wire ladder line;
these will easily handle your 100 watts without
causing problems.

Your best bet is a well-built, home brew balanced line
tuner for the loop. I have one if you are interested,
it will tune the loop to 80, 40, 20 and probably
everything else, haven't tried it.

Have fun!

Bill K0ZL
--- Mark Abel <abelmark@...> wrote:
> Hello Group,
>
> I'm new member here, callsign is KG4SLM, name is
> Mark. I was first licensed in March and upgraded to
> General in May. I'm 41 years old, married for 20
> years to Jane. We have two boys, Zachary (13) and
> Jacob (7). Just recently got interested in Ham radio
> and I wish I had known how much fun this stuff was
> 20 years ago. But, anyway, here I am, a "novice" Ham
> at 41. I recently purchased a TS-850sat from a Ham
> friend and have been listening only on a long wire

> strung around the perimeter of my den. I have been
> amazed by what I've heard, Europe, the Middle East,
> etc. I'm waiting on the Dacron rope to come in so I
> can hang a 80 meter horizontal loop and talk as well
> as listen. In the short time I have been a member of
> this group, I have already seen that there is a
> wealth of knowledge here. Does anyone have any
> recommendations for a good antenna tuner?
>
> 73,
> Mark
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
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# 294. Re: [TS-850_450_690] New Member KG4SLM

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-29 12:51:14 UTC
From: Bill
Topic: 285  Message: 294

Hey Jim, I'll second that! Need to new blood to
replace all our old friends that keep dyin' off...
plus the young'uns keep ya hoppin, eh? hi hi

You have a nice campin rig there, Bonnie and I run an
old 26' Mitchell camper on Ford 1976 e-350 van
chassis, 460 cu in 4v we call "Beast"... running 4.11
gears and not towing anything, the only thing that
passes us on the hills is the newer rigs like your!

73

bill and bonnie
K0ZL, KB0HTC
(see our bios in QRZ for more)

--- Jjm Henington <jimh@...> wrote:
> Welcome Mark,
>. Glad to have you in Ham Radio the
> hobby need lots more young blood.
> 73's ki5ox.
>
> Jim & Trisha Henington
> Rv-Club R-2682, Good Sam
> 2001 Wilderness 27' TT
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> RV and Crafts Go Good Together

=====

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---------------------------------------------------
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# 295. Re: [TS-850_450_690] FS: TS-850, etc

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-29 12:52:59 UTC
From: Bill
Topic: 288  Message: 295

Good prices, Jeff.. good luck on the sale. Sorry to
see you "jump ship" on the 850 though! :)

the 756 pro II is my "dream rig"... which means,
unless we hit the lotto, it's just a dream!

b

--- Jeff Kilgore <the.weight@...> wrote:
> I have the following equipment for sale (I need to
> clear some space, and
> help pay for an IC-756Pro II). I will start putting
> any unsold items on eBay
> on August 1.
>
> Kenwood TS-850S/AT - I bought this new in 1994 and
> have used it for my
> main rig since then. It has INRAD 400-Hz filters in
> the
> 8.83-Mhz and 455-kHz IFs, and an INRAD 2.1-kHz
> filter in the 8.83-MHz IF,
> and comes with a Kenwood MC-50 microphone and
> homebrew computer interface
> (uses Maxim 232 IC, in nice case). The radio, mic,
> and computer interface
> are in very good
> condition, works fine, no scratches or dings,
> non-smoking environment. With
> original manuals and original box. $1150 plus
> shipping
>
> Timewave DSP-59+ audio digital signal processor - I
> bought this new and it
> has worked with no problems since. It works very
> well with the TS-850. Very
> good condition, works fine, no scratches or dings.
> With original manual.
> $125 plus shipping
>
> Electrovoice 641 microphone - A great mic for
> boatanchors. In very good
> condition, includes stand with PTT switch, wired
> with 2-pin microphone
> connecter (easily rewired if needed). $65 plus
> shipping
>

> Kenwood R-599A receiver - Good condition, some minor
> wear, works fine,
> with photocopy manual. $125 plus shipping
>
> Kenwood TH-215A 2-meter FM HT - Good condition,
> works fine, with original
> manual, original charger (original battery is
> included, but is dead),
> aftermarket W&W hi-capacity battery and drop-in
> charger. $80 plus shipping
>
> Radio Shack HTX-202 2-meter FM HT - Very good
> condition. I bought this
> new several years ago. Works fine, no scratches or
> dings, includes original
> manual, NiCd battery, and charger. $75 plus shipping
>
> Vibroplex Original semiautomatic key - Very good
> condition, works fine,
> no dings or scratches. I bought this new in 1988.
> $70 plus shipping
>
> Realistic Pro-25 scanner - Very good condition,
> works fine, no dings or
> scratches. $40 plus shipping
>
> Hewlett-Packard HP41CX calculator, with magnetic
> card reader, Advantage
> module, original manuals and boxes, and several
> additional books on the
> HP41. $400 plus shipping
>
> All items will be carefully packaged. Payment by
> USPS money order, PayPal,
> or personal check (personal checks must clear before
> shipping).
>
> 73,
> Jeff Kilgore, KC1MK
>
>
>
>
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

---
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# 296. Re: [TS-850_450_690] TUNERS, etc

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-30 02:48:21 UTC
From: Mark Abel
Topic: 285  Message: 296

Bill,

Thanks to you and all the guys for making me feel welcome. I was fortunate to be at the right place at the right time for my 850. I helped some guys put up a 140' tower for 15 meters and one of the guys just got back from Dayton with a new Yaesu Mk V Field and needed to move a radio to fund the antenna project. I asked him to give me a couple of days to raise the cash and in the meantime I checked out everything I could find on the internet. eHam.net reviews on this radio were outstanding! I think there was one guy who didn't own one but did use one on field day and didn't like changing the filters via the buttons, other than his review, they were almost all 5/5. A couple of Ham friends said I couldn't go wrong with this as my first HF rig and so far I'm very pleased with the receiver portion anyway. Thanks for the advice on the tuner, if I don't find one in Huntsville, I'll get back with you on yours. And yes, I do feel blessed to have found this hobby where I can solder on something again (strayed away from electronics and got into management) and meet some really nice folks along the way.
ps: Do you guys qso on the bands? If so, which one, what frequency and time?

KG4SLM
Mark

---- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Monday, July 29, 2002 7:48 AM
Subject: Re: [TS-850_450_690] TUNERS, etc

Mark,
Welcome to Ham Radio! and, a "novice" with a
TS-850??!!

When I was first licensed I was lucky to have a
SX-101A and a one-tube CW transmitter (homebuilt, not
bad looking and it worked), later a Johnson Viking 1
and "slider" vfo (had to keep touching up the tuning
to keep it on a QSO!)... So you are blessed my friend.

The best antenna tuner is "none"!

I really like tuning my antennas so the SWR is 1.5:1
or better on my favorite operating frequecies, then
use the internal AT for the occasional excursion
outside of that range. The 80M loop is a good one,
and if fed with ladder line you can use an EXTERNAL
tuner to make it go on most if not all other HF bands.

You can use the MFJ if you get the KILOWATT rated
models. Don't mess with the so-called "100" or "300"

watt rated ones. They will arc at 100 watts with some
antennas and some freqs. Also the KILOWATT tuners
have larger baluns to go to the open-wire ladder line;
these will easily handle your 100 watts without
causing problems.

Your best bet is a well-built, home brew balanced line
tuner for the loop. I have one if you are interested,
it will tune the loop to 80, 40, 20 and probably
everything else, haven't tried it.

Have fun!

Bill K0ZL
--- Mark Abel <abelmark@...> wrote:
> Hello Group,
>
> I'm new member here, callsign is KG4SLM, name is
> Mark. I was first licensed in March and upgraded to
> General in May. I'm 41 years old, married for 20
> years to Jane. We have two boys, Zachary (13) and
> Jacob (7). Just recently got interested in Ham radio
> and I wish I had known how much fun this stuff was
> 20 years ago. But, anyway, here I am, a "novice" Ham
> at 41. I recently purchased a TS-850sat from a Ham
> friend and have been listening only on a long wire
> strung around the perimeter of my den. I have been
> amazed by what I've heard, Europe, the Middle East,
> etc. I'm waiting on the Dacron rope to come in so I
> can hang a 80 meter horizontal loop and talk as well
> as listen. In the short time I have been a member of
> this group, I have already seen that there is a
> wealth of knowledge here. Does anyone have any
> recommendations for a good antenna tuner?
>
> 73,
> Mark
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

---
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# 297. Re: [TS-850_450_690] New Member KG4SLM

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-30 03:59:45 UTC
From: Jjm Henington
Topic: 285  Message: 297

We do feel bless with all our toys Bill.
Jim & Trisha Henington
Rv-Club R-2682, Good Sam
2001 Wilderness 27' TT
2002 3/4T HD 6.6 Duramax Chev P/U
RV and Crafts Go Good Together
----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Monday, July 29, 2002 7:51 AM
Subject: Re: [TS-850_450_690] New Member KG4SLM

Hey Jim, I'll second that! Need to new blood to
replace all our old friends that keep dyin' off...
plus the young'uns keep ya hoppin, eh? hi hi

You have a nice campin rig there, Bonnie and I run an
old 26' Mitchell camper on Ford 1976 e-350 van
chassis, 460 cu in 4v we call "Beast"... running 4.11
gears and not towing anything, the only thing that
passes us on the hills is the newer rigs like your!

73

bill and bonnie
K0ZL, KB0HTC
(see our bios in QRZ for more)

--- Jjm Henington <jimh@...> wrote:
> Welcome Mark,
>. Glad to have you in Ham Radio the
> hobby need lots more young blood.
> 73's ki5ox.
>
> Jim & Trisha Henington
> Rv-Club R-2682, Good Sam
> 2001 Wilderness 27' TT
> 2002 3/4T HD 6.6 Duramax Chev P/U
> RV and Crafts Go Good Together

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

---
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# 298. Re: [TS-850_450_690] TUNERS, etc

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-30 12:42:24 UTC
From: Bill
Topic: 285  Message: 298

Mark, I too think you made the right decision. While the FT-1000 may be more reliable, the TS-850 has the look and feel that I like and great breakin CW (once you make the CW sidetone level control mod)...

As for freqs, we have no net or anything like that yet, but I try to hang around on 7253.5 Khz during the day (Kaddidlehopper net and Midwest Tfc Net), and 14.060 CW QRP freq. Hook up yer key and give it a try, just send "QRS" if I go too fast for ya!

73

bill K0ZL
ALSO look for me on yahoo msgr, "coorsbill" (i work there in Golden)
--- Mark Abel <abelmark@...> wrote:
> Bill,
>
> Thanks to you and all the guys for making me feel
> welcome. I was fortunate to be at the right place at
> the right time for my 850. I helped some guys put up
> a 140' tower for 15 meters and one of the guys just
> got back from Dayton with a new Yaesu Mk V Field and
> needed to move a radio to fund the antenna project.
> I asked him to give me a couple of days to raise the
> cash and in the meantime I checked out everything I
> could find on the internet. eHam.net reviews on this
> radio were outstanding! I think there was one guy
> who didn't own one but did use one on field day and
> didn't like changing the filters via the buttons,
> other than his review, they were almost all 5/5. A
> couple of Ham friends said I couldn't go wrong with
> this as my first HF rig and so far I'm very pleased
> with the receiver portion anyway. Thanks for the
> advice on the tuner, if I don't find one in
> Huntsville, I'll get back with you on yours. And
> yes, I do feel blessed to have found this hobby
> where I can solder on something again (strayed away
> from electronics and got into management) and meet
> some really nice folks along the way.
> ps: Do you guys qso on the bands? If so, which one,
> what frequency and time?
>
> KG4SLM
> Mark

>
>
>
> ---- Original Message -----
> From: Bill
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, July 29, 2002 7:48 AM
> Subject: Re: [TS-850_450_690] TUNERS, etc
>
>
> Mark,
> Welcome to Ham Radio! and, a "novice" with a
> TS-850??!!
>
> When I was first licensed I was lucky to have a
> SX-101A and a one-tube CW transmitter (homebuilt,
> not
> bad looking and it worked), later a Johnson Viking
> 1
> and "slider" vfo (had to keep touching up the
> tuning
> to keep it on a QSO!)... So you are blessed my
> friend.
>
> The best antenna tuner is "none"!
>
> I really like tuning my antennas so the SWR is
> 1.5:1
> or better on my favorite operating frequecies,
> then
> use the internal AT for the occasional excursion
> outside of that range. The 80M loop is a good
> one,
> and if fed with ladder line you can use an
> EXTERNAL
> tuner to make it go on most if not all other HF
> bands.
>
> You can use the MFJ if you get the KILOWATT rated
> models. Don't mess with the so-called "100" or
> "300"
> watt rated ones. They will arc at 100 watts with
> some
> antennas and some freqs. Also the KILOWATT tuners
> have larger baluns to go to the open-wire ladder
> line;
> these will easily handle your 100 watts without
> causing problems.
>
> Your best bet is a well-built, home brew balanced

> line
> tuner for the loop. I have one if you are
> interested,
> it will tune the loop to 80, 40, 20 and probably
> everything else, haven't tried it.
>
> Have fun!
>
> Bill K0ZL
> --- Mark Abel <abelmark@...> wrote:
> > Hello Group,
> >
> > I'm new member here, callsign is KG4SLM, name is
> > Mark. I was first licensed in March and upgraded
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> > General in May. I'm 41 years old, married for 20
> > years to Jane. We have two boys, Zachary (13)
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> > Jacob (7). Just recently got interested in Ham
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> > and I wish I had known how much fun this stuff
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> > at 41. I recently purchased a TS-850sat from a
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> member of
> > this group, I have already seen that there is a
> > wealth of knowledge here. Does anyone have any
> > recommendations for a good antenna tuner?
> >
> > 73,
> > Mark
> >
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >

> 
> 
> =====
> 
> Eccl 2:24, 25 A man can do nothing better than to
> eat and drink and find satisfaction in his work.
> This too, I see, is from the hand of God, for
> without him, who can eat or find enjoyment?
> 
> 
> _____
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> THANKS FOR USING TS-850_450_690@...
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> Terms of Service.
> 
> 
> 
> [Non-text portions of this message have been
> removed]
> 
> 

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

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# 299. Re: [TS-850_450_690] New Member KG4SLM

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-30 12:44:38 UTC
From: Bill
Topic: 285  Message: 299

Jim, fix yer signature! hi hi

I am in process of installing the control wiring for a
screwdriver on the camper, will go on top of the rear
luggage rack at rest and in the front ahead of the
bumper when in motion, so I have to do two wiring
harnesses (coax, plus 2 conductor shielded for 12v).
Phew.. setting up mobile is not easy sometimes.

Where do you guys hang out on HF? Or do you?

b

--- Jjm Henington <jimh@...> wrote:
> We do feel bless with all our toys Bill.
> Jim & Trisha Henington
> Rv-Club R-2682, Good Sam
> 2001 Wilderness 27' TT
> 2002 3/4T HD 6.6 Duramax Chev P/U
> RV and Crafts Go Good Together
> ----- Original Message -----
> From: Bill
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, July 29, 2002 7:51 AM
> Subject: Re: [TS-850_450_690] New Member KG4SLM
>
>
> Hey Jim, I'll second that! Need to new blood to
> replace all our old friends that keep dyin' off...
> plus the young'uns keep ya hoppin, eh? hi hi
>
> You have a nice campin rig there, Bonnie and I
> run an
> old 26' Mitchell camper on Ford 1976 e-350 van
> chassis, 460 cu in 4v we call "Beast"... running
> 4.11
> gears and not towing anything, the only thing that
> passes us on the hills is the newer rigs like
> your!
>
> 73
>
> bill and bonnie
> K0ZL, KB0HTC
> (see our bios in QRZ for more)
>

> --- Jjm Henington <jimh@...> wrote:
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> >. Glad to have you in Ham Radio the
> > hobby need lots more young blood.
> > 73's ki5ox.
> >
> > Jim & Trisha Henington
> > Rv-Club R-2682, Good Sam
> > 2001 Wilderness 27' TT
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>
>
> =====
>
> Eccl 2:24, 25 A man can do nothing better than to
> eat and drink and find satisfaction in his work.
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>
>
> ---------------------------------------------------
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>
> THANKS FOR USING TS-850_450_690@...
>
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>
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====

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---------------------------------------------------
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# 300. Kenwood TS-850S Operators Manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-30 14:27:44 UTC
From: s_paldino
Topic: 300  Message: 300

Does anyone have a TS-850S Operators manual in PDF format they can email me? My email address is spaldino@....

Thanks and 73

Sal
K6PAL

# 301. Mod for Wideband TX for new 5mHz allotment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-30 16:11:33 UTC
From: ve7azc
Topic: 301  Message: 301

Hi there,

Is there a mod to allow wideband TX for when the 5mhz allotment comes through?

Thanks,

Herb
VE7 AZC (another zany canuck)

# 302. Re: [TS-850_450_690] Mod for Wideband TX for new 5mHz allotment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-30 19:21:47 UTC
From: Bill
Topic: 301  Message: 302

Yep, sure is.

http://www.mods.dk/

then click on Kenwood and on the left, TS-850.

bill

--- ve7azc <lober@...> wrote:
> Hi there,
>
> Is there a mod to allow wideband TX for when the
> 5mhz allotment comes
> through?
>
> Thanks,
>
> Herb
> VE7 AZC (another zany canuck)
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

---
Do You Yahoo!?
Yahoo! Health - Feel better, live better
http://health.yahoo.com

# 303. Re: [TS-850_450_690] Kenwood TS-850S Operators Manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-07-30 19:33:58 UTC
From: Bill
Topic: 300  Message: 303

Looked on Google, Handi=hams has it for $15.00 but you
have to be a member, dues are $8.00.

73

Bill K0ZL

--- s_paldino <spaldino@...> wrote:
> Does anyone have a TS-850S Operators manual in PDF
> format they can
> email me? My email address is spaldino@....
>
> Thanks and 73
>
> Sal
> K6PAL
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
Do You Yahoo!?
Yahoo! Health - Feel better, live better
http://health.yahoo.com

# 304. Wider filters for TS450S?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-01 03:23:00 UTC
From: ve3tmt
Topic: 304  Message: 304

In hopes of further tweaking the bandwidth on my TS450 I have bought the INRAD 4 Khz AM filter (8.83 IF) to use as a wide SSB filter, but I still have the 2.4 Khz filter in the 455 Khz IF stage. Is this 2.4 filter going to hamper my efforts by limiting the effectiveness of the wider 4 khz filter? And if so, how do you manage to pull this off in the 850? According to INRAD's website the 450, 850 and 950 all have the same opltional filters available, with the widest SSB filter at 2.8 Khz.

# 305. FS: Reduced: TS-850, etc.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-01 03:38:54 UTC
From: Jeff Kilgore
Topic: 305  Message: 305

I have the following equipment for sale (I need to clear some space, and help pay for an IC-756Pro II). I will start putting any unsold items on eBay on August 1.

Kenwood TS-850S/AT - I bought this new in 1994 and have used it for my main rig since then. It has INRAD 400-Hz filters in the 8.83-Mhz and 455-kHz IFs, and an INRAD 2.1-kHz filter in the 8.83-MHz IF, and comes with a Kenwood MC-50 microphone and homebrew computer interface (uses Maxim 232 IC, in nice case). The radio, mic, and computer interface are in very good condition, works fine, no scratches or dings, non-smoking environment. With original manuals and original box. $1050 shipped

Timewave DSP-59+ audio digital signal processor - I bought this new and it has worked with no problems since. It works very well with the TS-850. Very good condition, works fine, no scratches or dings. With original manual. $125 shipped

Electrovoice 641 microphone - A great mic for boatanchors. In very good condition, includes stand with PTT switch, wired with 2-pin microphone connecter (easily rewired if needed). $65 shipped

Kenwood R-599A receiver - Good condition, some minor wear, works fine, with photocopy manual. $125 shipped

Kenwood TH-215A 2-meter FM HT - Good condition, works fine, with original manual, original charger (original battery is included, but is dead), aftermarket W&W hi-capacity battery and drop-in charger. $80 shipped

Radio Shack HTX-202 2-meter FM HT - Very good condition. I bought this new several years ago. Works fine, no scratches or dings, includes original manual, NiCd battery, and charger. $75 shipped

Vibroplex Original semiautomatic key - Very good condition, works fine, no dings or scratches. I bought this new in 1988. $75 shipped

Realistic Pro-25 scanner - Very good condition, works fine, no dings or scratches. $40 shipped

Hewlett-Packard HP41CX calculator, with magnetic card reader, Advantage module, original manuals and boxes, and several additional books on the HP41. $400 shipped

All items will be carefully packaged. Payment by USPS money order, PayPal, or personal check (personal checks must clear before shipping).

73,
Jeff Kilgore, KC1MK

# 306. Re: [TS-850_450_690] Wider filters for TS450S?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-01 13:24:18 UTC
From: Bill
Topic: 304  Message: 306

You are going to have to look at the filter switching,
you may have to switch some control lines around to
get the 4khz filter in on TX.

On the 850 there is a 2nd menu, one item of which
allows you to switch filters during transmit, but
whether that actually switches filters or not I have
not checked out.

I hope to look into this, this weekend.

bill K0ZL

--- ve3tmt <ve3tmt@...> wrote:
> In hopes of further tweaking the bandwidth on my
> TS450 I have bought
> the INRAD 4 Khz AM filter (8.83 IF) to use as a wide
> SSB filter, but
> I still have the 2.4 Khz filter in the 455 Khz IF
> stage. Is this 2.4
> filter going to hamper my efforts by limiting the
> effectiveness of
> the wider 4 khz filter? And if so, how do you manage
> to pull this
> off in the 850? According to INRAD's website the
> 450, 850 and 950
> all have the same opltional filters available, with
> the widest SSB
> filter at 2.8 Khz.
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
Do You Yahoo!?
Yahoo! Health - Feel better, live better
http://health.yahoo.com

# 307. Re: [TS-850_450_690] Yahoo warning!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-01 13:25:56 UTC
From: Bill
Topic: 304  Message: 307

GENTS keep in mind, with new Yahoo mail format, they
have SWITCHED the "reply" and "delete" buttons! I
have accidently deleted several messages, when I
intended to reply to them. Look before clicking!

In general, I like the new format except for this.
Hard to re-train ole' lizard brain...

73

bill K0ZL

--- ve3tmt <ve3tmt@...> wrote:
> In hopes of further tweaking the bandwidth on my
> TS450 I have bought
> the INRAD 4 Khz AM filter (8.83 IF) to use as a wide
> SSB filter, but
> I still have the 2.4 Khz filter in the 455 Khz IF
> stage. Is this 2.4
> filter going to hamper my efforts by limiting the
> effectiveness of
> the wider 4 khz filter? And if so, how do you manage
> to pull this
> off in the 850? According to INRAD's website the
> 450, 850 and 950
> all have the same opltional filters available, with
> the widest SSB
> filter at 2.8 Khz.
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

---
Do You Yahoo!?
Yahoo! Health - Feel better, live better
http://health.yahoo.com

# 308. New member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-01 13:55:00 UTC
From: coorsbill
Topic: 308  Message: 308

Welcome W9SZ, Zach!

Why not hit the reply button (careful, Yahoo switched them with the new format) and tell us about yourself, and your station...

73!

Bill K0ZL

# 309. Re: Wider filters for TS450S?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-01 13:57:00 UTC
From: SERGIO EDUARDO MARTINS DE FREITAS
Topic: 304  Message: 309

Bill,

Take look on item 01, you will can turn ON filters on TX. I hope that help you.

73,
Eduardo - PY2VR
py2vr@...
py2vr@...
www.qsl.net/py2vr

TS-850S Additional Front Panel Functions

Pressing SCAN + TX-M.CH will set the radio into its extended function mode. These options can be scrolled via the M.CH/VFO CH. switch. The following are the extended functions:

00 - This is the ROM C?ecksum displayed as a 4-digit hexadecimal number This cannot be changed.
01 - Allow filter selection in transmit. Initially set OFF.
02 - Antenna tuner power down. Initially set to OFF.
03 - Antenna tuner non-stop mode. When set to on, the antenna tuner will not stop when the lowest VSWR is found. Initially set to OFF.
04 - Store mode, and filter settings prior to changing bands, or c?annels. Initially set to ON.
05 - Display -HELLO- on digitial display, an? send it in Morse code on power up. Initially set OFF.
06 - Turn full LCD display ON on power on. Initially set OFF.
07 - Turn Subtone ON or OFF. Initi?lly set ON. Note t?at even when set off, the TONE indicator will be lit on the display.
08 - Unknown. Initially set OFF.

# 310. Re: [TS-850_450_690] Re: Wider filters for TS450S?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-01 15:05:36 UTC
From: Bill
Topic: 304  Message: 310

Thanks! But does it actually cause the TX sig to go
through the wider filters, when selected, that is the
question...

b

--- SERGIO EDUARDO MARTINS DE FREITAS
<seduardo@...> wrote:
> Bill,
>
> Take look on item 01, you will can turn ON filters
> on TX. I hope that help
> you.
>
> 73,
> Eduardo - PY2VR
> py2vr@...
> py2vr@...
> www.qsl.net/py2vr
>
>
> TS-850S Additional Front Panel Functions
>
> Pressing SCAN + TX-M.CH will set the radio into its
> extended function mode.
> These options can be scrolled via the M.CH/VFO CH.
> switch. The following are
> the extended functions:
>
>
> 00 - This is the ROM C?ecksum displayed as a
> 4-digit hexadecimal
> number This cannot be changed.
> 01 - Allow filter selection in transmit. Initially
> set OFF.
> 02 - Antenna tuner power down. Initially set to
> OFF.
> 03 - Antenna tuner non-stop mode. When set to on,
> the antenna
> tuner will not stop when the lowest VSWR is
> found. Initially
> set to OFF.
> 04 - Store mode, and filter settings prior to
> changing bands, or
> c?annels. Initially set to ON.

> 05 - Display -HELLO- on digitial display, an? send
> it in Morse
> code on power up. Initially set OFF.
> 06 - Turn full LCD display ON on power on.
> Initially set OFF.
> 07 - Turn Subtone ON or OFF. Initi?lly set ON.
> Note t?at even
> when set off, the TONE indicator will be lit
> on the display.
> 08 - Unknown. Initially set OFF.
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
Do You Yahoo!?
Yahoo! Health - Feel better, live better
http://health.yahoo.com

# 311. Re: Wider filters for TS450S?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-01 19:01:45 UTC
From: ve3tmt
Topic: 304  Message: 311

--- In TS-850_450_690@y..., Bill <coorsbill@y...> wrote:
> You are going to have to look at the filter switching,
> you may have to switch some control lines around to
> get the 4khz filter in on TX.

Is the filter selected by the front panel switches not the filter in
use during TX?

# 312. Re: [TS-850_450_690] Re: Wider filters for TS450S?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-02 02:32:09 UTC
From: Bill
Topic: 304  Message: 312

Boy I sure wish Yahoo hadn't switched the darn "reply"
and "delete" buttons! I had to get your message out
of the trash to reply to it. sheesh...

I can't tell if the filters change until I get set up
with the audio gen and the dummy load on the bench...
to check the -3db points and all that. Won't happen
until Saturady at the earliest.

b

--- ve3tmt <ve3tmt@...> wrote:
> --- In TS-850_450_690@y..., Bill <coorsbill@y...>
> wrote:
> > You are going to have to look at the filter
> switching,
> > you may have to switch some control lines around
> to
> > get the 4khz filter in on TX.
>
> Is the filter selected by the front panel switches
> not the filter in
> use during TX?
>
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
Do You Yahoo!?
Yahoo! Health - Feel better, live better
http://health.yahoo.com

# 313. Re: [TS-850_450_690] Re: Wider filters for TS450S?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-02 02:32:17 UTC
From: Bill
Topic: 304  Message: 313

Boy I sure wish Yahoo hadn't switched the darn "reply"
and "delete" buttons! I had to get your message out
of the trash to reply to it. sheesh...

I can't tell if the filters change until I get set up
with the audio gen and the dummy load on the bench...
to check the -3db points and all that. Won't happen
until Saturady at the earliest.

b

--- ve3tmt <ve3tmt@...> wrote:
> --- In TS-850_450_690@y..., Bill <coorsbill@y...>
> wrote:
> > You are going to have to look at the filter
> switching,
> > you may have to switch some control lines around
> to
> > get the 4khz filter in on TX.
>
> Is the filter selected by the front panel switches
> not the filter in
> use during TX?
>
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
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Yahoo! Health - Feel better, live better
http://health.yahoo.com

# 314. Re: [TS-850_450_690] Re: Wider filters for TS450S?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-02 04:58:24 UTC
From: Don
Topic: 304  Message: 314

Bill, what I am suggesting may be a cave man approach, but if the optional filters are as accessible as they are on the TS-850, would it not be easier to just probe the filters with a scope or a meter with RF probe and see which ones have a signal present?
--Don

Bill wrote:
>
> Boy I sure wish Yahoo hadn't switched the darn "reply"
> and "delete" buttons! I had to get your message out
> of the trash to reply to it. sheesh...
>
> I can't tell if the filters change until I get set up
> with the audio gen and the dummy load on the bench...
> to check the -3db points and all that. Won't happen
> until Saturady at the earliest.
>
> b
>
> --- ve3tmt <ve3tmt@...> wrote:
> > --- In TS-850_450_690@y..., Bill <coorsbill@y...>
> > wrote:
> > > You are going to have to look at the filter
> > switching,
> > > you may have to switch some control lines around
> > to
> > > get the 4khz filter in on TX.
> >
> > Is the filter selected by the front panel switches
> > not the filter in
> > use during TX?
> >
> >
> >
>
> =====
>
> Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?
>
> _____
> Do You Yahoo!?
> Yahoo! Health - Feel better, live better
> http://health.yahoo.com

>
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 315. Re: [TS-850_450_690] Re: Wider filters for TS450S?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-02 15:57:57 UTC
From: Bill
Topic: 304  Message: 315

Ha, caveman! That's good.

I suppose you could and indeed, I have found bad filters that way... but the easiest way I think is to examine the switching network, and see how they are activated, and also to consider the signal path on tx... do we use both 8.8 and 455 filters on TX? I think not, but am not 100 percent sure.

Of course, we could take the easy route and get on 14,178 Kc or thereabouts, and ask the guys how to do wideband tx on the 850! But that would be cheating I think.

I will be messing with my 850 this weekend, for this very purpose and also to examine an auto-band-antenna switch schema that our friend bud Thompson came up with. He is concerned that as his MBO switches from 80 to 40, that the 80/40 selector relay doesn't chatter, that it stay energized for however long it takes the band select line to settle down again.

I think.

bill k0zl
--- Don <WN9V@...> wrote:
> Bill, what I am suggesting may be a cave man
> approach, but if the
> optional filters are as accessible as they are on
> the TS-850,
> would it not be easier to just probe the filters
> with a scope or
> a meter with RF probe and see which ones have a
> signal present?
> --Don
>
> Bill wrote:
> >
> > Boy I sure wish Yahoo hadn't switched the darn
> "reply"
> > and "delete" buttons! I had to get your message
> out
> > of the trash to reply to it. sheesh...
> >
> > I can't tell if the filters change until I get set
> up

> > with the audio gen and the dummy load on the
> bench...
> > to check the -3db points and all that. Won't
> happen
> > until Saturady at the earliest.
> >
> > b
> >
> > --- ve3tmt <ve3tmt@...> wrote:
> > > --- In TS-850_450_690@y..., Bill
> <coorsbill@y...>
> > > wrote:
> > > > You are going to have to look at the filter
> > > switching,
> > > > you may have to switch some control lines
> around
> > > to
> > > > get the 4khz filter in on TX.
> > >
> > > Is the filter selected by the front panel
> switches
> > > not the filter in
> > > use during TX?
> > >
> > >
> > >
> > >
> > > =====
> >
> > Eccl 2:24, 25 A man can do nothing better than to
> eat and drink and find satisfaction in his work.
> This too, I see, is from the hand of God, for
> without him, who can eat or find enjoyment?
> >
> > _____
> > Do You Yahoo!?
> > Yahoo! Health - Feel better, live better
> > http://health.yahoo.com
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> >
> > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

---
Do You Yahoo!?
Yahoo! Health - Feel better, live better
http://health.yahoo.com

# 316. Re: Wider filters for TS450S?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-02 16:44:52 UTC
From: ve3tmt
Topic: 304  Message: 316

I am just awaiting delivery of my TS450 service manual. I hope to do a little poking around and see what's what filter wise during TX. I had just assumed that whatever filter was selected from the front panel was the one in use. This is certainly not information you can get from an operators manual!

# 317. Re: [TS-850_450_690] Wider filters for TS450S?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-03 10:25:21 UTC
From: Paul Manuel
Topic: 304  Message: 317

--- Bill <coorsbill@...> wrote:
> On the 850 there is a 2nd menu, one item of which
> allows you to switch filters during transmit, but
> whether that actually switches filters or not I have
> not checked out.

Just for the record, it definitely does switch the transmit filters in the 850. It then also allows you to transmit thru one set of filters, and receive thru another.
You will be able to easily hear the difference in your monitor headphones.
73,
Paul K4PDM

_____
Do You Yahoo!?
Yahoo! Health - Feel better, live better
http://health.yahoo.com

# 318. Re: [TS-850_450_690] Wider filters for TS450S?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-03 13:48:44 UTC
From: Bill
Topic: 304  Message: 318

Thanks Paul!

I will check this out sometime this weekend, in
between church, barbeques and honey-doos!

73

b

--- Paul Manuel <k4pdm@...> wrote:
>
> --- Bill <coorsbill@...> wrote:
> > On the 850 there is a 2nd menu, one item of which
> > allows you to switch filters during transmit, but
> > whether that actually switches filters or not I
> have
> > not checked out.
>
> Just for the record, it definitely does switch the
> transmit filters in the
> 850. It then also allows you to transmit thru one
> set of filters, and
> receive thru another.
> You will be able to easily hear the difference in
> your monitor headphones.
> 73,
> Paul K4PDM
>
> _____
> Do You Yahoo!?
> Yahoo! Health - Feel better, live better
> http://health.yahoo.com
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
Do You Yahoo!?
Yahoo! Health - Feel better, live better
http://health.yahoo.com

# 319. welcome new member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-03 20:27:13 UTC
From: coorsbill
Topic: 319  Message: 319

Welcome, N0IRR!

Why not hit the reply key and tell us about yourself and your station?

73!

Bill K0ZL

# 320. Re: Wider filters for TS450S / TS850?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-04 02:37:40 UTC
From: ve7avv
Topic: 304  Message: 320

I am particularily interested in the on-air reports when transmitting thru one set of filters. What are the signals reports saying about your signals?

73 de Paul, VE7AVV
StoneyGround Station
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
"All email from this address is checked by Norton AntiVirus 2002"

# 321. Re: [TS-850_450_690] Re: Wider filters for TS450S / TS850?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-04 11:39:10 UTC
From: Paul Manuel
Topic: 304  Message: 321

Paul & all,
Although I have switched the transmit filters in my 850 to see if it can be done (and to listen to in the monitor,) I have not made any contacts that way. I am not into this "broadcast-quality" trend, as I feel that SSB audio does not get any better than the crisp, clear response you get with the 2.7 filters. I am also concerned about the bandwidth issue.

However, to each his own. I can easily use the slope tuning on my receiver to attenuate the annoying bass in the "hi-fi" signals. And experimentation is one of the purposes of the service.
73,
Paul K4PDM
--- ve7avv <ve7avv@...> wrote:
> I am particularily interested in the on-air reports when transmitting
> thru one set of filters. What are the signals reports saying about
> your signals?
>

_____
Do You Yahoo!?
Yahoo! Health - Feel better, live better
http://health.yahoo.com

# 322. FS-REDUCED: TS-850, etc.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-04 20:09:13 UTC
From: Jeff Kilgore
Topic: 322  Message: 322

I have the following equipment for sale (I need to clear some space, and help pay for an IC-756Pro II). All prices include UPS ground shipping in the continental US. I can can send pictures of any items if needed.

Kenwood TS-850S/AT - I bought this new in 1994 and have used it for my main rig since then. It has INRAD 400-Hz filters in the 8.83-Mhz and 455-kHz IFs, and an INRAD 2.1-kHz filter in the 8.83-MHz IF, and comes with a Kenwood MC-50 microphone, homebrew computer interface (uses Maxim 232 IC, in nice case), and Heild AD-1 adapter for use with Heil headsets. The radio, mic, and computer interface are in very good condition, works fine, no scratches or dings, non-smoking environment. With original manuals and original box. $1000 shipped. I will consider selling these items separately.

Timewave DSP-59+ audio digital signal processor - I bought this new and it has worked with no problems since. It works very well with the TS-850. Very good condition, works fine, no scratches or dings. With original manual. $110 shipped.

Electrovoice 641 microphone - A great mic for boatanchors. In very good condition, includes stand with PTT switch, wired with 2-pin microphone connecter (easily rewired if needed). $6o shipped

Kenwood R-599A receiver - Good condition, some minor wear, works fine, with photocopy manual. $115 shipped.

Kenwood TH-215A 2-meter FM HT - Good condition, works fine, with original manual, original charger (original battery is included, but is dead), aftermarket W&W hi-capacity battery and drop-in charger. $75 shipped

Radio Shack HTX-202 2-meter FM HT - Very good condition. I bought this new several years ago. Works fine, no scratches or dings, includes original manual, NiCd battery, and charger. $75 shipped

Vibroplex Original semiautomatic key - Very good condition, works fine, no dings or scratches. I bought this new in 1988. $70 shipped

Realistic Pro-25 scanner - Very good condition, works fine, no dings or scratches. $35 shipped.

Hewlett-Packard HP41CX calculator, with magnetic card reader, Advantage module, original manuals and boxes, and several additional books on the HP41. $350 shipped.

All items will be carefully packaged and shipped via UPS ground. Payment by USPS money order or personal check (personal checks must clear before shipping).

73,
Jeff Kilgore, KC1MK

# 323. Re: [TS-850_450_690] Re: Wider filters for TS450S / TS850?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-05 12:51:21 UTC
From: Bill
Topic: 304  Message: 323

hMM, I find the bass on the "hifi" guys' sigs to be
quite refreshing! BUT you have to be very careful
tuning them in. Even the "fine" tuning rate on the
850 is sometimes too fast!

I have a 4x7 coaxial speaker in a Drake MS-4 cabinet
that just sounds awesome with the 850. The SP-230
speaker also sounds wonderful and has tone switches
you can kick in for CW and contesting, and out for
hifi or SWL listening.

bill

--- Paul Manuel <k4pdm@...> wrote:
> Paul & all,
> Although I have switched the transmit filters in my
> 850 to see if it can
> be done (and to listen to in the monitor,) I have
> not made any contacts
> that way. I am not into this "broadcast-quality"
> trend, as I feel that SSB
> audio does not get any better than the crisp, clear
> response you get with
> the 2.7 filters. I am also concerned about the
> bandwidth issue.
>
> However, to each his own. I can easily use the slope
> tuning on my receiver
> to attenuate the annoying bass in the "hi-fi"
> signals. And experimentation
> is one of the purposes of the service.
> 73,
> Paul K4PDM
> --- ve7avv <ve7avv@...> wrote:
> > I am particularily interested in the on-air
> reports when transmitting
> > thru one set of filters. What are the signals
> reports saying about
> > your signals?
> >
>
>
> _____
> Do You Yahoo!?
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>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
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# 324. Re: New member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-05 14:52:52 UTC
From: w9sz
Topic: 308  Message: 324

--- In TS-850_450_690@y..., "coorsbill" <coorsbill@y...> wrote:
> Welcome W9SZ, Zach!
>
> Why not hit the reply button (careful, Yahoo switched them with the
> new format) and tell us about yourself, and your station...
>
> 73!
>
> Bill K0ZL

Hi All,

I recently "upgraded" from a TS-440S to a TS-850SAT. It was recommended to me highly by many people in the contesting and DXing community as one of the best deals in its price range. It's an excellent radio and I love it!

There does seem to be a small problem with the radio. It has the Kenwood filter for 400 Hz in the 8.83 filter bank. In this position, the "high cut" (smaller inner) knob passes through a "null" at about the 3 o'clock position (pointing right) when turning it counterclockwise from its fully clockwise position. The rest of the range seems to cut the opposite sideband.

This doesn't seem to me to be correct operation. It seems fine on the other filter positions. Does anyone have any experience with this? I can find very little in either the operation manual or the service manual about adjustments of the high/low cut controls. Is there an internal adjustment that needs to be done, or is it a filter problem?

I plan on eventually getting the INRAD filters, at least for 400 Hz CW.

73, Zack W9SZ

# 325. Re: [TS-850_450_690] Re: New member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-05 17:18:47 UTC
From: Bill
Topic: 308  Message: 325

Yes, the TS-850 is an upgrade from the TS-440! The
TS-440 still a great rig though.

On the slop tuning, it won't work right with just one
CW filter in, you have to use 2 8.83 and 455

I have confirmed this, I have both K'wood stock
filters, ...kick one out, slop tuning doesn't work
right. Only works with two, preferably same bandwidth
(both 500, both 400 or both 250)

b

--- w9sz <w9sz@...> wrote:
> --- In TS-850_450_690@y..., "coorsbill"
> <coorsbill@y...> wrote:
> > Welcome W9SZ, Zach!
> >
> > Why not hit the reply button (careful, Yahoo
> switched them with the
> > new format) and tell us about yourself, and your
> station...
> >
> > 73!
> >
> > Bill K0ZL
>
> Hi All,
>
> I recently "upgraded" from a TS-440S to a TS-850SAT.
> It was
> recommended to me highly by many people in the
> contesting and DXing
> community as one of the best deals in its price
> range. It's an
> excellent radio and I love it!
>
> There does seem to be a small problem with the
> radio. It has the
> Kenwood filter for 400 Hz in the 8.83 filter bank.
> In this position,
> the "high cut" (smaller inner) knob passes through a
> "null" at about
> the 3 o'clock position (pointing right) when turning
> it
> counterclockwise from its fully clockwise position.

> The rest of the
> range seems to cut the opposite sideband.
>
> This doesn't seem to me to be correct operation. It
> seems fine on
> the other filter positions. Does anyone have any
> experience with
> this? I can find very little in either the
> operation manual or the
> service manual about adjustments of the high/low cut
> controls. Is
> there an internal adjustment that needs to be done,
> or is it a filter
> problem?
>
> I plan on eventually getting the INRAD filters, at
> least for 400 Hz
> CW.
>
> 73, Zack W9SZ
>
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
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# 326. Re: [TS-850_450_690] Re: New member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-05 17:55:35 UTC
From: Zack Widup
Topic: 308  Message: 326

Thanks, Bill. I will see what happens when I get around to buying the INRAD filters. It's not a big problem now, just something I noticed that wasn't optimum.

I'm keeping the TS-440 as a backup rig and for portable use. It's done very well for me.

Zack W9SZ

On Mon, 5 Aug 2002, Bill wrote:

> Yes, the TS-850 is an upgrade from the TS-440! The
> TS-440 still a great rig though.
>
> On the slop tuning, it won't work right with just one
> CW filter in, you have to use 2 8.83 and 455
>
> I have confirmed this, I have both K'wood stock
> filters, ...kick one out, slop tuning doesn't work
> right. Only works with two, preferably same bandwidth
> (both 500, both 400 or both 250)

# 327. Re: [TS-850_450_690] Re: New member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-05 18:12:44 UTC
From: Bill
Topic: 308  Message: 327

DEfinitely keep the 440. They are great, until they
start showing all dots on the display, then they are
still great. They just need some TLC at that point.

73

b

--- Zack Widup <w9sz@...> wrote:
> Thanks, Bill. I will see what happens when I get
> around to buying the
> INRAD filters. It's not a big problem now, just
> something I noticed that
> wasn't optimum.
>
> I'm keeping the TS-440 as a backup rig and for
> portable use. It's done
> very well for me.
>
> Zack W9SZ
>
> On Mon, 5 Aug 2002, Bill wrote:
>
> > Yes, the TS-850 is an upgrade from the TS-440!
> The
> > TS-440 still a great rig though.
> >
> > On the slop tuning, it won't work right with just
> one
> > CW filter in, you have to use 2 8.83 and 455
> >
> > I have confirmed this, I have both K'wood stock
> > filters, ...kick one out, slop tuning doesn't work
> > right. Only works with two, preferably same
> bandwidth
> > (both 500, both 400 or both 250)
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

---
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# 328. Re: [TS-850_450_690] TS-850 problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-05 19:28:56 UTC
From: Zack Widup
Topic: 308  Message: 328

I bought my TS-440S very cheap because it already had that problem. The previous owner knew how to repair it but never got the time to do so. He's a friend of mine and gave me some documentation on the repair with the rig. I cleaned all the contact cement off the affected boards and replaced a couple parts. I then aligned the VCO circuits. It's been fine ever since.

Is this a problem with the 850?

Zack

On Mon, 5 Aug 2002, Bill wrote:

> DEfinitely keep the 440. They are great, until they
> start showing all dots on the display, then they are
> still great. They just need some TLC at that point.
>
> 73
>
> b
>
> --- Zack Widup <w9sz@...> wrote:
> > Thanks, Bill. I will see what happens when I get
> > around to buying the
> > INRAD filters. It's not a big problem now, just
> > something I noticed that
> > wasn't optimum.
> >
> > I'm keeping the TS-440 as a backup rig and for
> > portable use. It's done
> > very well for me.
> >
> > Zack W9SZ
> >
> > On Mon, 5 Aug 2002, Bill wrote:
> >
> > > Yes, the TS-850 is an upgrade from the TS-440!
> > The
> > > TS-440 still a great rig though.
> > >
> > > On the slop tuning, it won't work right with just
> > one
> > > CW filter in, you have to use 2 8.83 and 455
> > >
> > > I have confirmed this, I have both K'wood stock
> > > filters, ...kick one out, slop tuning doesn't work
> > > right. Only works with two, preferably same

> > bandwidth
> > > (both 500, both 400 or both 250)
> >

# 329. Re: [TS-850_450_690] TS-850 problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-06 00:37:51 UTC
From: Bill
Topic: 308  Message: 329

No, the only known problems with the 850 are an
occasional bad DDS chip, or being zapped into
alligator mode with static or lightning. Neither are
too hard to fix.

b

--- Zack Widup <w9sz@...> wrote:
> I bought my TS-440S very cheap because it already
> had that problem. The
> previous owner knew how to repair it but never got
> the time to do so. He's
> a friend of mine and gave me some documentation on
> the repair with the
> rig. I cleaned all the contact cement off the
> affected boards and replaced a
> couple parts. I then aligned the VCO circuits. It's
> been fine ever since.
>
> Is this a problem with the 850?
>
> Zack
>
> On Mon, 5 Aug 2002, Bill wrote:
>
> > DEfinitely keep the 440. They are great, until
> they
> > start showing all dots on the display, then they
> are
> > still great. They just need some TLC at that
> point.
> >
> > 73
> >
> > b
> >
> > --- Zack Widup <w9sz@...> wrote:
> > > Thanks, Bill. I will see what happens when I
> get
> > > around to buying the
> > > INRAD filters. It's not a big problem now, just
> > > something I noticed that
> > > wasn't optimum.
> > >
> > > I'm keeping the TS-440 as a backup rig and for

> > > portable use. It's done
> > > very well for me.
> > >
> > > Zack W9SZ
> > >
> > > On Mon, 5 Aug 2002, Bill wrote:
> > >
> > > > Yes, the TS-850 is an upgrade from the TS-440!
>
> > > The
> > > > TS-440 still a great rig though.
> > > >
> > > > On the slop tuning, it won't work right with
> just
> > > one
> > > > CW filter in, you have to use 2 8.83 and 455
> > > >
> > > > I have confirmed this, I have both K'wood
> stock
> > > > filters, ...kick one out, slop tuning doesn't
> work
> > > > right. Only works with two, preferably same
> > > bandwidth
> > > > (both 500, both 400 or both 250)
> > >
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

---------------------------------------------------
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# 330. Re: [TS-850_450_690] TS-850 problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-06 13:58:35 UTC
From: Paul Manuel
Topic: 308  Message: 330

--- Bill <coorsbill@...> wrote:
> No, the only known problems with the 850 are an
> occasional bad DDS chip, or being zapped into
> alligator mode with static or lightning. Neither are
> too hard to fix.
Bill,
I know that you know a lot more about it than I do, but didn't you
overlook the common leaky battery problem?
73,
Paul K4PDM

_____
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# 331. Re: [TS-850_450_690] TS-850 problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-06 16:50:49 UTC
From: Zack Widup
Topic: 308  Message: 331

OK, that's good to know. I didn't see any of that dreaded glue inside my 850 when I did the mod removing the broadcast band attenuator. By the way, I worked in an electronics repair shop for 10 years and that glue was one of our biggest banes. I repaired an awful lot of equipment that failed because that contact cement was used to glue down various parts.

73, Zack W9SZ

On Mon, 5 Aug 2002, Bill wrote:

> No, the only known problems with the 850 are an
> occasional bad DDS chip, or being zapped into
> alligator mode with static or lightning. Neither are
> too hard to fix.
>
> b
>
> --- Zack Widup <w9sz@...> wrote:
> > I bought my TS-440S very cheap because it already
> > had that problem. The
> > previous owner knew how to repair it but never got
> > the time to do so. He's
> > a friend of mine and gave me some documentation on
> > the repair with the
> > rig. I cleaned all the contact cement off the
> > affected boards and replaced a
> > couple parts. I then aligned the VCO circuits. It's
> > been fine ever since.
> >
> > Is this a problem with the 850?
> >
> > Zack
> >

# 332. Re: [TS-850_450_690] TS-850 problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-06 17:16:07 UTC
From: Bill
Topic: 308  Message: 332

Haven't seen that one yet...
b
--- Paul Manuel <k4pdm@...> wrote:
>
> --- Bill <coorsbill@...> wrote:
> > No, the only known problems with the 850 are an
> > occasional bad DDS chip, or being zapped into
> > alligator mode with static or lightning. Neither
> are
> > too hard to fix.
> Bill,
> I know that you know a lot more about it than I do,
> but didn't you
> overlook the common leaky battery problem?
> 73,
> Paul K4PDM
>
> _____
> Do You Yahoo!?
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>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
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# 333. Re: [TS-850_450_690] TS-850 problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-06 17:42:15 UTC
From: Bill
Topic: 308  Message: 333

The 850 is a very clean radio, no compound used (or
needed). The 440 is a big money maker for us, hate to
say...

b

--- Zack Widup <w9sz@...> wrote:
> OK, that's good to know. I didn't see any of that
> dreaded glue inside my
> 850 when I did the mod removing the broadcast band
> attenuator. By the
> way, I worked in an electronics repair shop for 10
> years and that glue was
> one of our biggest banes. I repaired an awful lot
> of equipment that
> failed because that contact cement was used to glue
> down various parts.
>
> 73, Zack W9SZ
>
>
> On Mon, 5 Aug 2002, Bill wrote:
>
> > No, the only known problems with the 850 are an
> > occasional bad DDS chip, or being zapped into
> > alligator mode with static or lightning. Neither
> are
> > too hard to fix.
> >
> > b
> >
> > --- Zack Widup <w9sz@...> wrote:
> > > I bought my TS-440S very cheap because it
> already
> > > had that problem. The
> > > previous owner knew how to repair it but never
> got
> > > the time to do so. He's
> > > a friend of mine and gave me some documentation
> on
> > > the repair with the
> > > rig. I cleaned all the contact cement off the
> > > affected boards and replaced a
> > > couple parts. I then aligned the VCO circuits.
> It's

> > > been fine ever since.
> > >
> > > Is this a problem with the 850?
> > >
> > > Zack
> > >
>
>

=====

Eccl 2:24, 25 A man can do nothing better than to eat and drink and find satisfaction in his work. This too, I see, is from the hand of God, for without him, who can eat or find enjoyment?

_____
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# 334. Re: [Amateur-repairs] ts-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-09 01:11:29 UTC
From: Bill
Topic: 334  Message: 334

That's great link, Steve, thanks!

I put an 11 pin socket in for my DC-DC convertor, makes it a lot easier to change. It's 1/2 of a 22 pin dip socket, cut in half.

I am still not sure what causes them to fail, but when they are working, the multivibrator AC waveform doesn't change much from RX to TX. When it's bad, the waveform changes dramatically, both amplitude and frequency or period change quite noticably and the minus 6 volts for the ALC (and other) circuits changes like crazy. At ten bux a piece I am not going to waste time fixing the boards.

b

--- Steve M <wmoorejr@...> wrote:
> Well I didn't make myself very clear. I was talking
> about my Omni 6 plus.
>
> I was just surfing the net about the 850 and I came
> across this page.
> http://www.qsl.net/k0bx/ It is all about
> interfacing but it also talks
> about an alc problem. A buddy had this starting to
> happen with his 850 but
> he sold it before it got real bad. At least this is
> what I think was going
> on with it.
>
> I'll bet that tuner looked pretty sad. I had the
> tuner out of my 940 once
> just looking at it. It was a mechanical marvel--too
> bad it wouldn't tune
> anything. hi hi
>
> Thanks for the link to the group.
>
> Steve
>
>
> > Sorry, I lost part of the thread, Steve, what
> model
> > radio are you referring to (6)?
> >

> > The 850 has a few issues with static electricity,
> if
> > you can find one that needs repair that would be a
> > great deal for you. They are not hard to fix once
> you
> > learn how to track down the switching signals.
> There
> > are a few mods to double your pleasure, but
> > performance wise you will be happy. If using it
> > outdoors you will not be too happy with the
> display,
> > but indoors it's pretty handsome.
> >
> > I just rebuilt bud thompson's tuner in his, after
> 8
> > years of 24/7 use as an MBO scanner, one of the
> > cheesecutter bushings in the AT unit was worn so
> bad
> > the plates were touching! I was REAL glad I had
> one
> > handy to put in...I have pics of the tuner all
> apart,
> > I should send them to him! Give him nightmares I
> bet.
> >
> > BTW we have a group for the TS-850, it's called
> > TS-850_450_690. These are radios that all share
> > technology, about same age and such.
> >
> > Here is the link if you are interested.
> >
> > http://groups.yahoo.com/group/TS-850_450_690/
> >
> > bill
> >
> > --- Steve M <wmoorejr@...> wrote:
> > > I've always heard from their owners that 850s
> are
> > > good. I know the specs in
> > > the qst review are very good. I'll get one
> someday.
> > > Right now I'm liking my
> > > 6 plus too much to change. Hey, the 850 and 6
> plus
> > > would make a great combo!
> > > I'll have to check the swap sites.
> > >
> > > 73
> > > Steve
> >

>
>

=====

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# 335. Re: Setting freq on TS-850 (also 450 etc)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-09 16:06:01 UTC
From: Bill
Topic: 335  Message: 335

Bruce,

I hope you don't mind, I am posting our "setting frequency" exchange to the group for obvious reasons... I don't want to type this more than once, hi!

TC5 is the master freq adj on the PLL unit. REmove the covers, let rig stabilize with temp (I put a dishtowel over mine and let it sit with covers off for about an hour, receive mode). TC 5 is in oblonged shape hole on left side of rig, about 1/2 way back. It is a small trimmer cap; use the proper tool

Set up freq on WWV, 10.0000 mhz showing. Switch back and forth between LSB and USB when WWV is transmitting a tone. Set TC 5 so that the two tones are identical.

For fine adjustment, open up your bandwidth to 6 or 12 khz LSB or USB (doesn't matter). Then, listen carefully for a very low beat note on the tone. Making sure your VFO is exactly on 10.000.00, CAREFULLY adjust TC 5 for zero beat.

I checked mine from cold start (about 65 deg F) to fully warm... started out 20hz low (4.999.98 in my case) and ends up 5.000.00. This is WITHOUT the TCXO.

Close enough for gov't work, no? hi hi

73

bill
K0ZL
www.amateur-repairs.com

--- Bruce Bennett <maritimus49@...> wrote:
> Hello Bill -
> Yes, I can hear either frequency quite well. What
> adjustment would I make with one of them as a
> standard? Thanks.
>
> 73,
> Bruce
>
>
>

> 
> --- Bill <coorsbill@...> wrote:
> > Oh yeah you can adjust it, not hard at all. Can
> you
> > receive wwv on 5 or 10 mhz?
> > 
> > 
> > --- Bruce Bennett <maritimus49@...> wrote:
> > > 
> > > Hello Bill -
> > > I was wondering about something. Is it possible
> > to
> > > adjust the frequency for the VFO? I was
> listening
> > to
> > > the audiophiles on 14,178 last night and they
> got
> > to
> > > assisting a man who was about 100Hz off. He was
> > able
> > > to adjust something in his rig and I'd like to
> > know
> > > if a similar adjustment can be made on the 850?
> > > Thanks.
> > > 73,
> > > Bruce K6RQR

=====

see our website www.amateur-repairs.com

_____
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# 336. AM use

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-09 16:18:56 UTC
From: Paul Manuel
Topic: 335  Message: 336

Hi folks!
I am toying with the idea of using the 850 to ragchew with the AM crowd, where I WOULD try the 6kHz filter on transmit. Has anyone used the 850 on AM? What filter(s) did you use? What frequencies are commonly used, and what kind of results do you get?
Thanks for any feedback & 73,
Paul K4PDM

---
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# 337. Re: [TS-850_450_690] AM use

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-09 18:03:48 UTC
From: Bill
Topic: 335  Message: 337

The 850 configures for wide AM transmit automatically,
just set your carrier to 25-30 watts, and set your mic
gain so it just starts to show on ALC meter, then back
off a bit... You can also use a scope to find your
optimum settings.

If you need more power, use a single 3-500z amp

b

--- Paul Manuel <k4pdm@...> wrote:
>
> Hi folks!
> I am toying with the idea of using the 850 to
> ragchew with the AM crowd,
> where I WOULD try the 6kHz filter on transmit. Has
> anyone used the 850 on
> AM? What filter(s) did you use? What frequencies are
> commonly used, and
> what kind of results do you get?
> Thanks for any feedback & 73,
> Paul K4PDM
>
> _____
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>

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# 338. Re: AM use

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-09 20:19:42 UTC
From: maritimus49
Topic: 335  Message: 338

Hello Paul -
The 850 is supposed to do well on AM but you might want to consider running it into some kind of small linear amplifier to get the output up to a level where you can be heard regularly. AM has noticeably less "talk power" than SSB. I am thinking about getting one of the old Heathkit SB-200 amps for more power on SSB and AM. However, with the older amps there is a problem about the high switching relay voltages necessary that are too much for our modern transceivers. I don't think that the more modern Ameritron amp and its cousins would be a problem. Anyway, since you are in the East I would look at 3,885 in the evenings and also 14,286 in the early evenings. Ten meters has a fair amount of AM activity above 29,000 kHz when its open. I have also heard AM on 160 meters, especially above 1,900 in the winter. Good luck and please let us know how it works for you.

73,
Bruce K6RQR

--- In TS-850_450_690@y..., Bill <coorsbill@y...> wrote:
> The 850 configures for wide AM transmit automatically,
> just set your carrier to 25-30 watts, and set your mic
> gain so it just starts to show on ALC meter, then back
> off a bit... You can also use a scope to find your
> optimum settings.
>
> If you need more power, use a single 3-500z amp
>
> b
>
> --- Paul Manuel <k4pdm@y...> wrote:
> >
> > Hi folks!
> > I am toying with the idea of using the 850 to
> > ragchew with the AM crowd,
> > where I WOULD try the 6kHz filter on transmit. Has
> > anyone used the 850 on
> > AM? What filter(s) did you use? What frequencies are
> > commonly used, and
> > what kind of results do you get?
> > Thanks for any feedback & 73,
> > Paul K4PDM
> >
> > _____
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# 339. Re: [TS-850_450_690] Re: AM use

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-09 20:42:48 UTC
From: Bill
Topic: 335  Message: 339

I have keyed a SB-220 for years with the 850 direct,
no problems. Also have keyed many other amps at least
20 times each, in test, including the Ameritrons,
SB200, a couple of Henrys...

b

--- maritimus49 <maritimus49@...> wrote:
> Hello Paul -
> The 850 is supposed to do well on AM but you might
> want to consider
> running it into some kind of small linear amplifier
> to get the output
> up to a level where you can be heard regularly. AM
> has noticeably
> less "talk power" than SSB. I am thinking about
> getting one of the
> old Heathkit SB-200 amps for more power on SSB and
> AM. However, with
> the older amps there is a problem about the high
> switching relay
> voltages necessary that are too much for our modern
> transceivers. I
> don't think that the more modern Ameritron amp and
> its cousins would
> be a problem. Anyway, since you are in the East I
> would look at 3,885
> in the evenings and also 14,286 in the early
> evenings. Ten meters has
> a fair amount of AM activity above 29,000 kHz when
> its open. I have
> also heard AM on 160 meters, especially above 1,900
> in the winter.
> Good luck and please let us know how it works for
> you.
>
> 73,
> Bruce K6RQR
>
>
>
>
> --- In TS-850_450_690@y..., Bill <coorsbill@y...>
> wrote:
> > The 850 configures for wide AM transmit

> automatically,
> > just set your carrier to 25-30 watts, and set your
> mic
> > gain so it just starts to show on ALC meter, then
> back
> > off a bit... You can also use a scope to find your
> > optimum settings.
> >
> > If you need more power, use a single 3-500z amp
> >
> > b
> >
> > --- Paul Manuel <k4pdm@y...> wrote:
> > >
> > > Hi folks!
> > > I am toying with the idea of using the 850 to
> > > ragchew with the AM crowd,
> > > where I WOULD try the 6kHz filter on transmit.
> Has
> > > anyone used the 850 on
> > > AM? What filter(s) did you use? What frequencies
> are
> > > commonly used, and
> > > what kind of results do you get?
> > > Thanks for any feedback & 73,
> > > Paul K4PDM
> > >
> > >
> _____
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# 340. WELCOME new member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-10 14:04:35 UTC
From: coorsbill
Topic: 340  Message: 340

Welcome MATONOVICH1, thanks for joining our group.

Why not hit the REPLY button and tell us about yourself and your station?

73!

Bill K0ZL

# 341. Station photos

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-10 18:34:26 UTC
From: ve3tmt
Topic: 341  Message: 341

Hey fellow members,

why not post a picture of your station if you have one. Always interesting to see what the other guys are running.

# 342. Re: [TS-850_450_690] Station photos

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-10 19:21:37 UTC
From: Bill
Topic: 341  Message: 342

Will do!

To do this, fellow group members, log on to Yahoo groups and navigate to the group, then to "photos" and follow directions. I will put a folder for "member station photos" in there.

We can send them directly to the group as an email attachment, which would be much easier, but also may enable trojan programs to propagate.

73!

Bill K0ZL

--- ve3tmt <ve3tmt@...> wrote:
> Hey fellow members,
>
> why not post a picture of your station if you have
> one. Always
> interesting to see what the other guys are running.
>
>
>
>

=====

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# 343. GROUP PHOTO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-10 19:25:15 UTC
From: coorsbill
Topic: 343  Message: 343

THANKS to EA1FEN, who supplied a photo of the TS-850 which now graces
our group home page!

Bill K0ZL

# 344. cleanest shack...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-10 19:26:15 UTC
From: coorsbill
Topic: 344  Message: 344

...Goes to Max, VE3TMT! Has the nicest member photo. Of course it's the only one so far, but who's counting? hi hi!

b

# 345. Re: GROUP PHOTO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-10 22:30:41 UTC
From: ve3tmt
Topic: 343  Message: 345

Just what I need to see everytime I log on!! Isn't it bad enough I have dreams about the 850!! Not sure what they go for in the US, but up here there is a used one available for $1399 CDN (about $890 US). The 870's and 950's are almost impossible to find up here used. Guess that tells you something about the quality of the radio.

# 346. Re: [TS-850_450_690] Re: GROUP PHOTO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-11 12:26:44 UTC
From: Bill
Topic: 343  Message: 346

Hmm TS-950...Forgot about that one when I formed the
group and then changed the name... oh well. It's a
pretty rare radio, having been priced out of reach of
many hams, there aren't very many out there, compared
to the 850, FT-1000 and ICOM competition grade rigs.

As for finding a rig, just pray and ask God, he will
get ya one.

b

--- ve3tmt <ve3tmt@...> wrote:
> Just what I need to see everytime I log on!! Isn't
> it bad enough I
> have dreams about the 850!! Not sure what they go
> for in the US, but
> up here there is a used one available for $1399 CDN
> (about $890 US).
> The 870's and 950's are almost impossible to find up
> here used. Guess
> that tells you something about the quality of the
> radio.
>
>

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# 347. Re: [TS-850_450_690] Re: GROUP PHOTO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-11 23:45:10 UTC
From: Zack Widup
Topic: 343  Message: 347

On Sat, 10 Aug 2002, ve3tmt wrote:

> Just what I need to see everytime I log on!! Isn't it bad enough I
> have dreams about the 850!! Not sure what they go for in the US, but
> up here there is a used one available for $1399 CDN (about $890 US).
> The 870's and 950's are almost impossible to find up here used. Guess
> that tells you something about the quality of the radio.
>

I got mine from a ham who advertised it on eham.net. I paid US $ 900 for it. It is in mint condition, not a scratch on it. It has the DRU-2 in it.

I have seen them at hamfests in this area for $750 or so in the past. However, this year of all the hamfests I've been to, I haven't seen one 850. They still seem to be in big demand.

73, Zack W9SZ

# 348. Re: [TS-850_450_690] Re: GROUP PHOTO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-12 01:30:05 UTC
From: Jeff Kilgore
Topic: 343  Message: 348

Snip
> I have seen them at hamfests in this area for $750 or so in the past.
> However, this year of all the hamfests I've been to, I haven't seen one
> 850. They still seem to be in big demand.

I'm not sure that they are in high demand currently. I've had a TS-850 for sale for a few weeks with no interest at all. If anyone is looking for a TS-850, I have a very nice one with dual INRAD 400-HZ filters, MC-50 mic, and homebrew computer interface that I will make someone a good deal on.

73,
Jeff, KC1MK

# 349. Re: GROUP PHOTO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-12 13:36:20 UTC
From: ve3tmt
Topic: 343  Message: 349

> I'm not sure that they are in high demand currently. I've had a TS-850 for
> sale for a few weeks with no interest at all. If anyone is looking for a
> TS-850, I have a very nice one with dual INRAD 400-HZ filters, MC-50 mic,
> and homebrew computer interface that I will make someone a good deal on.
>
> 73,
> Jeff, KC1MK

Hi Jeff,

I've been reading your posts with great interest. I too would have to get rid of my present gear to afford it but it is very hard to pass up. If the situation presents itself hopefully I won't be too late!

Max

# 350. Re: [TS-850_450_690] Re: get it.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-12 14:26:29 UTC
From: Bill
Topic: 343  Message: 350

Borrow the money, you won't be sorry. Jeff wants fair
price for great rig with both cw filters. hard to find
that combo.

bill K0ZL

--- ve3tmt <ve3tmt@...> wrote:
>
> > I'm not sure that they are in high demand
> currently. I've had a TS-
> 850 for
> > sale for a few weeks with no interest at all. If
> anyone is looking
> for a
> > TS-850, I have a very nice one with dual INRAD
> 400-HZ filters, MC-
> 50 mic,
> > and homebrew computer interface that I will make
> someone a good
> deal on.
> >
> > 73,
> > Jeff, KC1MK
>
> Hi Jeff,
>
> I've been reading your posts with great interest. I
> too would have to
> get rid of my present gear to afford it but it is
> very hard to pass
> up. If the situation presents itself hopefully I
> won't be too late!
>
> Max
>
>

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# 351. Re: Get It

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-12 14:36:08 UTC
From: ve3tmt
Topic: 351  Message: 351

Well if someone is looking for a 450, 711A combo I would be glad to make a deal on. I would love to get my hands on the 850 Bill, but unless this other stuff goes first, no can do. I better go out and buy a lottery ticket!

# 352. Re: [TS-850_450_690] Re: Get It

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-12 14:39:33 UTC
From: Bill
Topic: 351  Message: 352

I know what you mean!

Kids just started school... 300.00 for daughter, 1500
plus books for son... ebay, here I come!!! hi hi

b

--- ve3tmt <ve3tmt@...> wrote:
> Well if someone is looking for a 450, 711A combo I
> would be glad to
> make a deal on. I would love to get my hands on the
> 850 Bill, but
> unless this other stuff goes first, no can do. I
> better go out and
> buy a lottery ticket!
>
>

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# 353. Re: [TS-850_450_690] Re: GROUP PHOTO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-12 15:03:46 UTC
From: Paul Manuel
Topic: 343  Message: 353

>
> I got mine from a ham who advertised it on eham.net. I paid US $ 900
> for it. It is in mint condition, not a scratch on it. It has the DRU-2
in it.
> I have seen them at hamfests in this area for $750 or so in the past.
> However, this year of all the hamfests I've been to, I haven't seen one
> 850. They still seem to be in big demand.
>
Bought mine at R & L Electronics in Hamilton, Ohio a few months ago. They
had two at the time, but the one I didn't buy was in pretty rough shape
(lots of scratches.) They have a warranty, though, if the scratches are
not an issue.
73,
Paul K4PDM

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# 354. Re: [TS-850_450_690] Re: GROUP PHOTO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-12 15:08:42 UTC
From: Paul Manuel
Topic: 343  Message: 354

>I've had a TS-850 for sale for a few weeks with no interest at all. If anyone is looking for a TS-850, I have a very nice one with dual INRAD 400-HZ filters, MC-50 mic, and homebrew computer interface that I will make someone a good deal on.
> 73,
> Jeff, KC1MK
Jeff, I think the problem in selling your rig is filters and mic pushing up the cost. Aren't you asking about $1000? Not that you will never sell it, but it'll probably go quicker if you sell the filters and the mic separately.
73,
Paul K4PDM

_____
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# 355. Re: [TS-850_450_690] Re: GROUP PHOTO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-13 01:24:18 UTC
From: Jeff Kilgore
Topic: 343  Message: 355

Paul,

I have dropped the price on the TS-850 with the dual 400-Hz INRAD filters, MC-50 mic, and computer interface to $875 shipped in the continental US. I will sell the TS-850 separate if anyone is interested.

73,
Jeff, KC1MK

> Jeff, I think the problem in selling your rig is filters and mic pushing
> up the cost. Aren't you asking about $1000? Not that you will never sell
> it, but it'll probably go quicker if you sell the filters and the mic
> separately.
> 73,
> Paul K4PDM

# 356. Question for you Bill...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-13 02:02:05 UTC
From: ve3tmt
Topic: 356  Message: 356

What's your opinion on the 940's? Is there a serial number range to watch out for? I have a chance to pick one up at a fair price in really good shape.

Thanks for your input.

Max

# 357. Re: [TS-850_450_690] Re: GROUP PHOTO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-13 12:25:35 UTC
From: Paul Manuel
Topic: 343  Message: 357

--- Jeff Kilgore <the.weight@...> wrote:
> Paul,
> I have dropped the price on the TS-850 with the dual 400-Hz INRAD
> filters, MC-50 mic, and computer interface to $875 shipped in the
continental US. I will sell the TS-850 separate if anyone is interested.

Good deal! Shouldn't stay around long. The receiver and quality feel of
the 850 makes it the best deal on the market, in my opinion.
73,
Paul K4PDM

_____
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# 358. Re: [TS-850_450_690] Question for you Bill...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-13 13:15:38 UTC
From: Bill
Topic: 356  Message: 358

The later serial numbers above 3,000,000 will get you pretty much the latest and greatest, but any 940 in working condition is good. There are a few mods that really need to be done tho, I think I have talked about these in the TS-930 group.

I went through a 930 last week, no major blown parts but it was very close to nuking itself; many bad solder joints on the PA unit where they used rivets as feed thrus, temp changes caused these to shear the solder joints and cause intermittants... the drivers really don't like to work into an open circuit, and they were getting ready to vaporize, i caught it in time. fix involved r&r of pa unit, resolder the rivets, refresh the heat sink compound, change the driver feedback network resistors from 220 to 180 ohms to help stabilize the drivers; r&r filter unit, change r2 to help the fan turn on quicker on the pa unit; change r11 in the avr unit to do the same thing for the power supply fan; rewired the pass transistors on the regulator because the last guy left frayed wires to short out on heat sink; thorough cleaning and lube of controls, blow dust out of everything. lube vfo shaft. hey i'm givin away all my secrets here!

After all is said and done, I don't expect to see that rig back for a long time.

b
--- ve3tmt <ve3tmt@...> wrote:
> What's your opinion on the 940's? Is there a serial
> number range to
> watch out for? I have a chance to pick one up at a
> fair price in
> really good shape.
>
> Thanks for your input.
>
> Max
>
>

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# 359. Re: Question for you Bill...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-13 16:05:43 UTC
From: ve3tmt
Topic: 356  Message: 359

Really makes me sorry I asked!!

# 360. Off to the Great White North

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-15 11:39:39 UTC
From: ve3tmt
Topic: 360  Message: 360

Well guys I'm off to beautiful Mattawa, Ontario (pop 2500) to spend a few days, fishing, relaxing and HF'ing. Told the wife I get bored so I'm taking the 450 and PS with me. She can go shopping with her sister-in-law. Made a 20m dipole last night, so looks like my weekend will be fun after all! Rig, mic, PS and antenna just fit into a small carry on bag, but boy is it heavy. Gonna introduce ham radio to the community!

Have a great weekend all,

73, Max

# 361. Re: [TS-850_450_690] Off to the Great White North

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-16 01:53:04 UTC
From: Don
Topic: 360  Message: 361

Max,
My advice: before you travel, carry the entire packed radio
equipment bundle into the living room. Sit it down and see if
you can assemble a complete station. Once this exercise is
complete, you will be confident that you left nothing out.
Have fun, 72,
Don Wittlich WN9V

ve3tmt wrote:
>
> Well guys I'm off to beautiful Mattawa, Ontario (pop 2500) to spend a
> few days, fishing, relaxing and HF'ing. Told the wife I get bored so
> I'm taking the 450 and PS with me. She can go shopping with her
> sister-in-law. Made a 20m dipole last night, so looks like my
> weekend will be fun after all! Rig, mic, PS and antenna just fit
> into a small carry on bag, but boy is it heavy. Gonna introduce ham
> radio to the community!
>
> Have a great weekend all,
>
> 73, Max
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 362. Looking for RF board schematic and PCB plans ... photocopy okay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-17 21:28:09 UTC
From: ve7azc
Topic: 362  Message: 362

Hi there,

I am looking for even just a photocopy of the schematic for the RF board, and also the PCB plan for the RF board, so that I can locate some chip resistors and caps that need replacing.

I have some serious broadcast band interference and the Kenwood Service Center said that R289 needs to be changed from 10K to 22K, and that a 0.47 cap should be added across C43. Also, to get better static protection, to change D3 to LFB01.

I took a look on the rf board and couldn't find these part location on the board. So that's why I need these plans.

Anybody have the time to send me a scan or a photocopy?

Cheers and thanks in advance.

Herb
VE7 AZC

# 363. Re: [TS-850_450_690] Looking for RF board schematic and PCB plans ... photocopy okay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-18 16:16:17 UTC
From: Federico Batarse
Topic: 362  Message: 363

are you talking about the ts-850?

because there on the rf board (x44-3120-00) the r289 is 68 ohmns and is on
the tx 3rd mixer

trying to help
kind regards to the group
federico
xe2nlm

----- Original Message -----
From: "ve7azc" <lober@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, August 17, 2002 4:28 PM
Subject: [TS-850_450_690] Looking for RF board schematic and PCB plans ...
photocopy okay

> Hi there,
>
> I am looking for even just a photocopy of the schematic for the RF
> board, and also the PCB plan for the RF board, so that I can locate
> some chip resistors and caps that need replacing.
>
> I have some serious broadcast band interference and the Kenwood
> Service Center said that R289 needs to be changed from 10K to 22K,
> and that a 0.47 cap should be added across C43. Also, to get better
> static protection, to change D3 to LFB01.
>
> I took a look on the rf board and couldn't find these part location
> on the board. So that's why I need these plans.
>
> Anybody have the time to send me a scan or a photocopy?
>
> Cheers and thanks in advance.
>
> Herb
> VE7 AZC
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

>
>
> Este mensaje fue escaneado por virus
>
>

# 364. Re: Looking for RF board schematic and PCB plans ... photocopy okay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-19 03:45:08 UTC
From: ve7azc
Topic: 362  Message: 364

Thanks for the note. I'm not perfectly sure about the board. I'll call Kenwood and make sure. In the meantime I have received a good quality scan of the boards from a benevolent HAM.

Cheers and I'll let you know.

Herb

--- In TS-850_450_690@y..., "Federico Batarse" <fbatarse@i...> wrote:
> are you talking about the ts-850?
>
> because there on the rf board (x44-3120-00) the r289 is 68 ohmns and is on
> the tx 3rd mixer
>
>
> trying to help
> kind regards to the group
> federico
> xe2nlm
>
>
>
> ----- Original Message -----
> From: "ve7azc" <lober@t...>
> To: <TS-850_450_690@y...>
> Sent: Saturday, August 17, 2002 4:28 PM
> Subject: [TS-850_450_690] Looking for RF board schematic and PCB plans ...
> photocopy okay
>
>
> > Hi there,
> >
> > I am looking for even just a photocopy of the schematic for the RF
> > board, and also the PCB plan for the RF board, so that I can locate
> > some chip resistors and caps that need replacing.
> >
> > I have some serious broadcast band interference and the Kenwood
> > Service Center said that R289 needs to be changed from 10K to 22K,
> > and that a 0.47 cap should be added across C43. Also, to get better
> > static protection, to change D3 to LFB01.
> >
> > I took a look on the rf board and couldn't find these part

location
> > on the board. So that's why I need these plans.
> >
> > Anybody have the time to send me a scan or a photocopy?
> >
> > Cheers and thanks in advance.
> >
> > Herb
> > VE7 AZC
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@Y...
> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
> >
> >
> >
> >
> > Este mensaje fue escaneado por virus
> >
> >

# 365. Re: [TS-850_450_690] Re: Looking for RF board schematic and PCB plans ... photocopy okay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-19 15:34:43 UTC
From: Bill
Topic: 362  Message: 365

usual cause for BC band interfeerence on ham bands is
bad or leaky diode on the rf filter for the bc band, i
can check to see which one it is when i get to the
house.

bill
--- ve7azc <lober@...> wrote:
> Thanks for the note. I'm not perfectly sure about
> the board. I'll
> call Kenwood and make sure. In the meantime I have
> received a good
> quality scan of the boards from a benevolent HAM.
>
> Cheers and I'll let you know.
>
> Herb
>
>
> --- In TS-850_450_690@y..., "Federico Batarse"
> <fbatarse@i...> wrote:
> > are you talking about the ts-850?
> >
> > because there on the rf board (x44-3120-00) the
> r289 is 68 ohmns
> and is on
> > the tx 3rd mixer
> >
> >
> > trying to help
> > kind regards to the group
> > federico
> > xe2nlm
> >
> >
> >
> > ----- Original Message -----
> > From: "ve7azc" <lober@t...>
> > To: <TS-850_450_690@y...>
> > Sent: Saturday, August 17, 2002 4:28 PM
> > Subject: [TS-850_450_690] Looking for RF board
> schematic and PCB
> plans ...
> > photocopy okay
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> >
> > > Hi there,
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> > > I am looking for even just a photocopy of the
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> > > Cheers and thanks in advance.
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> > > THANKS FOR USING TS-850_450_690@Y...
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# 366. Re: Looking for RF board schematic and PCB plans ... photocopy okay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-19 19:34:30 UTC
From: ve7azc
Topic: 362  Message: 366

Hi Bill,

That'd be great. I'm accepting all and any help to solve this. Then
I'll have a "perfect" rig.

Cheers, and thanks to others who have responded by e-mails.

H

--- In TS-850_450_690@y..., Bill <coorsbill@y...> wrote:
> usual cause for BC band interfeerence on ham bands is
> bad or leaky diode on the rf filter for the bc band, i
> can check to see which one it is when i get to the
> house.
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> bill
> --- ve7azc <lober@t...> wrote:
> > Thanks for the note. I'm not perfectly sure about
> > the board. I'll
> > call Kenwood and make sure. In the meantime I have
> > received a good
> > quality scan of the boards from a benevolent HAM.
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> > >
> > > ----- Original Message -----

> > > From: "ve7azc" <lober@t...>
> > > To: <TS-850_450_690@y...>
> > > Sent: Saturday, August 17, 2002 4:28 PM
> > > Subject: [TS-850_450_690] Looking for RF board
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# 367. I want to move to the country!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-20 00:13:15 UTC
From: ve3tmt
Topic: 367  Message: 367

Hello everyone,

Just got back from my mini-vacation up north. Spent a few days on the lake at my brother-in-laws place. Fired up the TS450 and 20m dipole and WOW! No noise, just signals signals and more signals. What a difference from living in the city. Took the rig out on the deck and spent the day in the sun making QSO after QSO! That was the life,

# 368. TS450 bat change?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-20 00:17:12 UTC
From: larry nixon
Topic: 368  Message: 368

I have had a look through N6TR's web page
(http://n6tr.jzap.com/850BAT.html) about battery change in the
TS850. Is the proceedure and battery type much the same for the
TS450? Just figured I would ask before tearing into the rig,
which I plan to do once I get home from Oregon.

BTW I just joined the list. Have had a TS450 since 1994. Very
happy with the radio. Only complaint is the battery thing.

Larry Nixon
VE7LFN

_____
Post your ad for free now! http://personals.yahoo.ca

# 369. Re: [TS-850_450_690] Re: Looking for RF board schematic and PCB plans ... photocopy okay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-20 02:01:05 UTC
From: Bill
Topic: 362  Message: 369

Check D16 and D17 on the rf unit for leakage, use DVM
with "diode test" function, should read about .7 volts
one way, and more than 1-2 volts the other. These are
RLS135 type diodes, a 1s1587 will also work, oriented
properly.

bill

--- ve7azc <lober@...> wrote:
> Hi Bill,
>
> That'd be great. I'm accepting all and any help to
> solve this. Then
> I'll have a "perfect" rig.
>
> Cheers, and thanks to others who have responded by
> e-mails.
>
> H
>
> --- In TS-850_450_690@y..., Bill <coorsbill@y...>
> wrote:
> > usual cause for BC band interfeerence on ham bands
> is
> > bad or leaky diode on the rf filter for the bc
> band, i
> > can check to see which one it is when i get to the
> > house.
> >
> > bill
> > --- ve7azc <lober@t...> wrote:
> > > Thanks for the note. I'm not perfectly sure
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> > > call Kenwood and make sure. In the meantime I
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> > > received a good
> > > quality scan of the boards from a benevolent
> HAM.
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> > > Cheers and I'll let you know.
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> > > Herb
> > >

> > >
> > > --- In TS-850_450_690@y..., "Federico Batarse"
> > > <fbatarse@i...> wrote:
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> > > > because there on the rf board (x44-3120-00)
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> > > > ----- Original Message -----
> > > > From: "ve7azc" <lober@t...>
> > > > To: <TS-850_450_690@y...>
> > > > Sent: Saturday, August 17, 2002 4:28 PM
> > > > Subject: [TS-850_450_690] Looking for RF board
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# 370. Re: [TS-850_450_690] I want to move to the country!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-20 02:40:58 UTC
From: Bill
Topic: 367  Message: 370

We often operate in the back country here in Colorado,
and sometimes you can't tell when you hook up the
antenna, it's so quiet!

b

--- ve3tmt <ve3tmt@...> wrote:
> Hello everyone,
>
> Just got back from my mini-vacation up north. Spent
> a few days on
> the lake at my brother-in-laws place. Fired up the
> TS450 and 20m
> dipole and WOW! No noise, just signals signals and
> more signals.
> What a difference from living in the city. Took the
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# 371. Re: [TS-850_450_690] TS450 bat change?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-20 02:43:26 UTC
From: Bill
Topic: 368  Message: 371

Larry, be very careful when doing this, the battery
leads are thru-hole types rather than lap-soldered or
connected to vertical pins as on the other rigs. Make
sure 12v is disconnected from the rig, as well as all
other connections including ground, if your solder
iron is grounded it will cause all kinds of problems
if the rig is also at earth.

bill

--- larry nixon <lfnca@...> wrote:
> I have had a look through N6TR's web page
> (http://n6tr.jzap.com/850BAT.html) about battery
> change in the
> TS850. Is the proceedure and battery type much the
> same for the
> TS450? Just figured I would ask before tearing into
> the rig,
> which I plan to do once I get home from Oregon.
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> BTW I just joined the list. Have had a TS450 since
> 1994. Very
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> thing.
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> Larry Nixon
> VE7LFN
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> Post your ad for free now! http://personals.yahoo.ca
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# 372. Re: Looking for RF board schematic and PCB plans ... photocopy okay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-20 04:16:52 UTC
From: ve7azc
Topic: 362  Message: 372

Hi Bill,

BINGO!

D15 is okay, but D16 measures 146mV in both directions. Of course this was done without lifting one side from the board. Man that stuff is tiny ... I had the ultra geek 2000 magnifier headset on (complete with lights for the extra geek points, my nephew is convinced I'm from Mars). All the other diodes checked at 683mV one way and infinite the other way when attached to the board. I also checked out R289 and it is shorted. D1 is also measuring out as suspicious at 285mV in each direction.

A close look shows that Kenwood has pre-glued each of these diodes to the board prior to soldering. I'll have to wick away the old solder verrrrry carefully with the iron on low, and then figure out a non-destructuve method of removing the old glue. I think I'll get a few extra parts and practice this on an old PCB before I attempt it on the real thing.

Any tips?

H

--- In TS-850_450_690@y..., Bill <coorsbill@y...> wrote:
> Check D16 and D17 on the rf unit for leakage, use DVM
> with "diode test" function, should read about .7 volts
> one way, and more than 1-2 volts the other. These are
> RLS135 type diodes, a 1s1587 will also work, oriented
> properly.
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> bill
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> --- ve7azc <lober@t...> wrote:
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> > That'd be great. I'm accepting all and any help to
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> > e-mails.
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> > > > > From: "ve7azc" <lober@t...>
> > > > > To: <TS-850_450_690@y...>
> > > > > Sent: Saturday, August 17, 2002 4:28 PM
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# 373. Re: [TS-850_450_690] Re: Looking for RF board schematic and PCB plans ... photocopy okay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-20 12:46:05 UTC
From: Bill
Topic: 362  Message: 373

do NOT use low power! use 25w minimum, wick both
sides of the diode, and then heat one end as you
carefully work it sideways with a slight, gentle twist
off the glue. it will come right off. notice first
which end is banded; that is the cathode.

I would change only D16; some of the other diodes
measure low both ways as designed. Do one at a time.

The other one that sometimes goes with lightning is
D31, another RLS35, but that has different symptoms
than yours.

Tell your nephew your "geekiness" will save you about
$149.00 US.

bill
--- ve7azc <lober@...> wrote:
> Hi Bill,
>
> BINGO!
>
> D15 is okay, but D16 measures 146mV in both
> directions. Of course
> this was done without lifting one side from the
> board. Man that
> stuff is tiny ... I had the ultra geek 2000
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> destructuve method of removing the old glue. I

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> > > > > > To: <TS-850_450_690@y...>
> > > > > > Sent: Saturday, August 17, 2002 4:28 PM
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> > > > > > > >
> > > > > > > I took a look on the rf board and
> couldn't
> > > find
> > > > > these part
> > > > > location
> > > > > > > on the board. So that's why I need
> these
> > > plans.
> > > > > > > >
> > > > > > > Anybody have the time to send me a scan
> or a
> > > > > photocopy?
> > > > > > > >
> > > > > > > Cheers and thanks in advance.
> > > > > > > >
> > > > > > > Herb
> > > > > > > VE7 AZC
> > > > > > > >
> > > > > > > >
> > > > > > > >
> > > > > > > THANKS FOR USING TS-850_450_690@Y...
> > > > > > > >
> > > > > > > Your use of Yahoo! Groups is subject to
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> > > > > > > > Este mensaje fue escaneado por virus
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# 374. TS-850S Backlight

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-20 13:28:57 UTC
From: Jim ve3mij
Topic: 374  Message: 374

Ahh.. Been silently enjoying the tech tips and pleased that my 850's been trouble free for 11 years or so.

However, one thing I've been curious about for all that time...

Sometimes, the backlight on the LCD doesn't come on for a period of time, when first powered up. This could be from a second to 20 seconds on the rare occasion, but I've often wondered if there is cause for concern.

Is this normal?

Thanks all,

Jim VE3MIJ

[Non-text portions of this message have been removed]

# 375. Re: [TS-850_450_690] TS-850S Backlight

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-20 15:40:28 UTC
From: Bill
Topic: 374  Message: 375

I suspect that the dc-ac converter for the fluorescent
backlight is not turning on, may also be temp
sensitive. I would replace it.

bill

--- Jim ve3mij <ve3mij@...> wrote:
> Ahh.. Been silently enjoying the tech tips and
> pleased that my 850's been trouble free for 11 years
> or so.
>
> However, one thing I've been curious about for all
> that time...
>
> Sometimes, the backlight on the LCD doesn't come on
> for a period of time, when first powered up. This
> could be from a second to 20 seconds on the rare
> occasion, but I've often wondered if there is cause
> for concern.
>
> Is this normal?
>
> Thanks all,
>
> Jim VE3MIJ
>
>
> [Non-text portions of this message have been
> removed]
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>

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# 376. Re: [TS-850_450_690] TS-850S Backlight

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-20 16:44:42 UTC
From: Jim ve3mij
Topic: 374  Message: 376

Thanks Bill,

It seems like it's slow to start, but always does. I've had the problem(?) for about 9 years now, and once it comes up, it never goes off... Sounds like it's not a common problem though!

As long as I'm not in a rush to read the display, it hasn't been a issue. Fortunately, it's occasional, most of the time it comes up immediately.

I seem to remember the inverter is a sealed unit. Don't suppose you've ever had one open?

Jim

----- Original Message -----
From: "Bill" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, August 20, 2002 11:40 AM
Subject: Re: [TS-850_450_690] TS-850S Backlight

> I suspect that the dc-ac converter for the fluorescent
> backlight is not turning on, may also be temp
> sensitive. I would replace it.
>
> bill
>
> --- Jim ve3mij <ve3mij@...> wrote:
> > Ahh.. Been silently enjoying the tech tips and
> > pleased that my 850's been trouble free for 11 years
> > or so.
> >
> > However, one thing I've been curious about for all
> > that time...
> >
> > Sometimes, the backlight on the LCD doesn't come on
> > for a period of time, when first powered up. This
> > could be from a second to 20 seconds on the rare
> > occasion, but I've often wondered if there is cause
> > for concern.
> >
> > Is this normal?
> >
> > Thanks all,
> >
> > Jim VE3MIJ
> >

> >
> > [Non-text portions of this message have been
> > removed]
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> ---------------------------------------------------
> Do You Yahoo!?
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>
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 377. Re: Looking for RF board schematic and PCB plans ... photocopy okay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-20 22:11:56 UTC
From: ve7azc
Topic: 362  Message: 377

Hi again Bill,

Problem solved! It was D16, which was suprisingly easy to replace. I wicked out the old solder with very fine wick and re-used the "saddle" of glue left by the old diode to seat the new one. Soldered it in lickty-split. BC interference gone.

Bill, thank you very much for this assistance, and to Oliver Remaly Jr. (WD0ALW) for e-mailing me en excellent quality scan of the rf board. Also thanks to the others who e-mailed me their assistance.

Cheers and good DX.

Herb ... geek extra-ordinaire!
VE7 AZC

--- In TS-850_450_690@y..., Bill <coorsbill@y...> wrote:
> do NOT use low power! use 25w minimum, wick both
> sides of the diode, and then heat one end as you
> carefully work it sideways with a slight, gentle twist
> off the glue. it will come right off. notice first
> which end is banded; that is the cathode.
>
> I would change only D16; some of the other diodes
> measure low both ways as designed. Do one at a time.
>
> The other one that sometimes goes with lightning is
> D31, another RLS35, but that has different symptoms
> than yours.
>
> Tell your nephew your "geekiness" will save you about
> $149.00 US.
>
> bill
> --- ve7azc <lober@t...> wrote:
> > Hi Bill,
> >
> > BINGO!
> >
> > D15 is okay, but D16 measures 146mV in both
> > directions. Of course
> > this was done without lifting one side from the
> > board. Man that
> > stuff is tiny ... I had the ultra geek 2000
> > magnifier headset on
> > (complete with lights for the extra geek points, my

> > nephew is
> > convinced I'm from Mars). All the other diodes
> > checked at 683mV one
> > way and infinite the other way when attached to the
> > board. I also
> > checked out R289 and it is shorted. D1 is also
> > measuring out as
> > suspicious at 285mV in each direction.
> >
> > A close look shows that Kenwood has pre-glued each
> > of these diodes to
> > the board prior to soldering. I'll have to wick
> > away the old solder
> > verrrrry carefully with the iron on low, and then
> > figure out a non-
> > destructuve method of removing the old glue. I
> > think I'll get a few
> > extra parts and practice this on an old PCB before I
> > attempt it on
> > the real thing.
> >
> > Any tips?
> >
> > H
> >
> > --- In TS-850_450_690@y..., Bill <coorsbill@y...>
> > wrote:
> > > Check D16 and D17 on the rf unit for leakage, use
> > DVM
> > > with "diode test" function, should read about .7
> > volts
> > > one way, and more than 1-2 volts the other. These
> > are
> > > RLS135 type diodes, a 1s1587 will also work,
> > oriented
> > > properly.
> > >
> > > bill
> > >
> > > --- ve7azc <lober@t...> wrote:
> > > > Hi Bill,
> > > >
> > > > That'd be great. I'm accepting all and any help
> > to
> > > > solve this. Then
> > > > I'll have a "perfect" rig.
> > > >
> > > > Cheers, and thanks to others who have responded
> > by
> > > > e-mails.

> > > >
> > > > H
> > > >
> > > > --- In TS-850_450_690@y..., Bill
> > <coorsbill@y...>
> > > > wrote:
> > > > > usual cause for BC band interfeerence on ham
> > bands
> > > > > is
> > > > > bad or leaky diode on the rf filter for the bc
> > > > band, i
> > > > > can check to see which one it is when i get to
> > the
> > > > > house.
> > > > >
> > > > > bill
> > > > > --- ve7azc <lober@t...> wrote:
> > > > > > Thanks for the note. I'm not perfectly sure
> > > > about
> > > > > > the board. I'll
> > > > > > call Kenwood and make sure. In the meantime
> > I
> > > > have
> > > > > > received a good
> > > > > > quality scan of the boards from a benevolent
> > > > HAM.
> > > > > >
> > > > > > Cheers and I'll let you know.
> > > > > >
> > > > > > Herb
> > > > > >
> > > > > >
> > > > > > --- In TS-850_450_690@y..., "Federico
> > Batarse"
> > > > > > <fbatarse@i...> wrote:
> > > > > > > are you talking about the ts-850?
> > > > > > >
> > > > > > > because there on the rf board
> > (x44-3120-00)
> > > > the
> > > > > > > r289 is 68 ohmns
> > > > > > > and is on
> > > > > > > the tx 3rd mixer
> > > > > > >
> > > > > > >
> > > > > > > trying to help
> > > > > > > kind regards to the group
> > > > > > > federico
> > > > > > > xe2nlm
> > > > > > >

> > > > > > >
> > > > > > > >
> > > > > > > > ----- Original Message -----
> > > > > > > > From: "ve7azc" <lober@t...>
> > > > > > > > To: <TS-850_450_690@y...>
> > > > > > > > Sent: Saturday, August 17, 2002 4:28 PM
> > > > > > > > Subject: [TS-850_450_690] Looking for RF
> > board
> > > > > > > schematic and PCB
> > > > > > > plans ...
> > > > > > > > photocopy okay
> > > > > > > >
> > > > > > > >
> > > > > > > > > Hi there,
> > > > > > > > >
> > > > > > > > > I am looking for even just a photocopy
> > of
> > > > > the
> > > > > > > schematic for the RF
> > > > > > > > > board, and also the PCB plan for the RF
> > > > board,
> > > > > > so that I can
> > > > > > locate
> > > > > > > > some chip resistors and caps that need
> > > > > > replacing.
> > > > > > > > >
> > > > > > > > > I have some serious broadcast band
> > > > interference
> > > > > > and the Kenwood
> > > > > > > > > Service Center said that R289 needs to
> > be
> > > > > > changed from 10K to 22K,
> > > > > > > > > and that a 0.47 cap should be added
> > across
> > > > > C43.
> > > > > > > Also, to get
> > > > > > better
> > > > > > > > static protection, to change D3 to
> > LFB01.
> > > > > > > > >
> > > > > > > > > I took a look on the rf board and
> > couldn't
> > > > > find
> > > > > > these part
> > > > > > location
> > > > > > > > on the board. So that's why I need
> > these
> > > > > plans.
> > > > > > > > >
> > > > > > > > > Anybody have the time to send me a scan

> > or a
> > > > > > photocopy?
> > > > > > > > >
> > > > > > > > > Cheers and thanks in advance.
> > > > > > > > > >
> > > > > > > > > Herb
> > > > > > > > > VE7 AZC
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > >
> > > > > > > > > THANKS FOR USING TS-850_450_690@Y...
> > > > > > > > > >
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> > > > > > > > > Este mensaje fue escaneado por virus
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# 378. Re: [TS-850_450_690] TS-850S Backlight

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-20 23:54:27 UTC
From: Bill
Topic: 374  Message: 378

Yes it is sealed. Should have 28kHz signal, 300v p-p,
except when dimmer circuit is active, then it pulses
the 300v on and off. Could be dirty or bad dimmer
switch on front panel... clean it first, then check
around the inverter circuit for bad solder joints.

300v will give you quite a kick!

bill

--- Jim ve3mij <ve3mij@...> wrote:
> Thanks Bill,
>
> It seems like it's slow to start, but always does.
> I've had the problem(?)
> for about 9 years now, and once it comes up, it
> never goes off... Sounds
> like it's not a common problem though!
>
> As long as I'm not in a rush to read the display, it
> hasn't been a issue.
> Fortunately, it's occasional, most of the time it
> comes up immediately.
>
> I seem to remember the inverter is a sealed unit.
> Don't suppose you've ever
> had one open?
>
> Jim
>
> ----- Original Message -----
> From: "Bill" <coorsbill@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Tuesday, August 20, 2002 11:40 AM
> Subject: Re: [TS-850_450_690] TS-850S Backlight
>
>
> > I suspect that the dc-ac converter for the
> fluorescent
> > backlight is not turning on, may also be temp
> > sensitive. I would replace it.
> >
> > bill
> >
> > --- Jim ve3mij <ve3mij@...> wrote:
> > > Ahh.. Been silently enjoying the tech tips and

> > > pleased that my 850's been trouble free for 11
> years
> > > or so.
> > >
> > > However, one thing I've been curious about for
> all
> > > that time...
> > >
> > > Sometimes, the backlight on the LCD doesn't come
> on
> > > for a period of time, when first powered up.
> This
> > > could be from a second to 20 seconds on the rare
> > > occasion, but I've often wondered if there is
> cause
> > > for concern.
> > >
> > > Is this normal?
> > >
> > > Thanks all,
> > >
> > > Jim VE3MIJ
> > >
> > >
> > > [Non-text portions of this message have been
> > > removed]
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# 379. Re: [TS-850_450_690] TS-850S Backlight

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-20 23:54:49 UTC
From: Bill
Topic: 374  Message: 379

Yes it is sealed. Should have 28kHz signal, 300v p-p,
except when dimmer circuit is active, then it pulses
the 300v on and off. Could be dirty or bad dimmer
switch on front panel... clean it first, then check
around the inverter circuit for bad solder joints.

300v will give you quite a kick!

bill

--- Jim ve3mij <ve3mij@...> wrote:
> Thanks Bill,
>
> It seems like it's slow to start, but always does.
> I've had the problem(?)
> for about 9 years now, and once it comes up, it
> never goes off... Sounds
> like it's not a common problem though!
>
> As long as I'm not in a rush to read the display, it
> hasn't been a issue.
> Fortunately, it's occasional, most of the time it
> comes up immediately.
>
> I seem to remember the inverter is a sealed unit.
> Don't suppose you've ever
> had one open?
>
> Jim
>
> ----- Original Message -----
> From: "Bill" <coorsbill@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Tuesday, August 20, 2002 11:40 AM
> Subject: Re: [TS-850_450_690] TS-850S Backlight
>
>
> > I suspect that the dc-ac converter for the
> fluorescent
> > backlight is not turning on, may also be temp
> > sensitive. I would replace it.
> >
> > bill
> >
> > --- Jim ve3mij <ve3mij@...> wrote:
> > > Ahh.. Been silently enjoying the tech tips and

> > > pleased that my 850's been trouble free for 11
> years
> > > or so.
> > >
> > > However, one thing I've been curious about for
> all
> > > that time...
> > >
> > > Sometimes, the backlight on the LCD doesn't come
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> > > for a period of time, when first powered up.
> This
> > > could be from a second to 20 seconds on the rare
> > > occasion, but I've often wondered if there is
> cause
> > > for concern.
> > >
> > > Is this normal?
> > >
> > > Thanks all,
> > >
> > > Jim VE3MIJ
> > >
> > >
> > > [Non-text portions of this message have been
> > > removed]
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> > THANKS FOR USING TS-850_450_690@...
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# 380. Re: [TS-850_450_690] TS-850S Backlight

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-20 23:55:51 UTC
From: Bill
Topic: 374  Message: 380

Yes it is sealed. Should have 28kHz signal, 300v p-p,
except when dimmer circuit is active, then it pulses
the 300v on and off. Could be dirty or bad dimmer
switch on front panel... clean it first, then check
around the inverter circuit for bad solder joints.

300v will give you quite a kick! I prefer a scope,
having tried the "wet finger" approach already.

bill

--- Jim ve3mij <ve3mij@...> wrote:
> Thanks Bill,
>
> It seems like it's slow to start, but always does.
> I've had the problem(?)
> for about 9 years now, and once it comes up, it
> never goes off... Sounds
> like it's not a common problem though!
>
> As long as I'm not in a rush to read the display, it
> hasn't been a issue.
> Fortunately, it's occasional, most of the time it
> comes up immediately.
>
> I seem to remember the inverter is a sealed unit.
> Don't suppose you've ever
> had one open?
>
> Jim
>
> ----- Original Message -----
> From: "Bill" <coorsbill@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Tuesday, August 20, 2002 11:40 AM
> Subject: Re: [TS-850_450_690] TS-850S Backlight
>
>
> > I suspect that the dc-ac converter for the
> fluorescent
> > backlight is not turning on, may also be temp
> > sensitive. I would replace it.
> >
> > bill
> >
> > --- Jim ve3mij <ve3mij@...> wrote:

> > > Ahh.. Been silently enjoying the tech tips and
> > > pleased that my 850's been trouble free for 11
> years
> > > or so.
> > >
> > > However, one thing I've been curious about for
> all
> > > that time...
> > >
> > > Sometimes, the backlight on the LCD doesn't come
> on
> > > for a period of time, when first powered up.
> This
> > > could be from a second to 20 seconds on the rare
> > > occasion, but I've often wondered if there is
> cause
> > > for concern.
> > >
> > > Is this normal?
> > >
> > > Thanks all,
> > >
> > > Jim VE3MIJ
> > >
> > >
> > > [Non-text portions of this message have been
> > > removed]
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> >
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> >
> > THANKS FOR USING TS-850_450_690@...
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# 381. Re: [TS-850_450_690] TS450 bat change?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-21 05:56:36 UTC
From: Leon Foot
Topic: 368  Message: 381

> BTW I just joined the list. Have had a TS450 since 1994. Very
> happy with the radio. Only complaint is the battery thing.

What "battery thing"? I have had mine for a few years so now. What surprise
is waiting for me?

Leon ZS4Y

# 382. Re: [TS-850_450_690] TS-850S Backlight

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-21 12:09:29 UTC
From: Jim ve3mij
Topic: 374  Message: 382

Thanks Bill, You're always a wealth of information...

I found out many years ago what 400vdc feels like... When I came to, 10 feet from the bench, looking up at the ceiling and my screwdriver, stuck in the tile, I was happy I had one hand in my back pocket.... Old TV repairman trick!

So I'll use the scope... Got lots to pick from as I work for a company out of Oregon that makes them.

From the overwhelming response (hi) I see my 850's unique in this regard!

Jim
----- Original Message -----
From: "Bill" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, August 20, 2002 7:55 PM
Subject: Re: [TS-850_450_690] TS-850S Backlight

> Yes it is sealed. Should have 28kHz signal, 300v p-p,
> except when dimmer circuit is active, then it pulses
> the 300v on and off. Could be dirty or bad dimmer
> switch on front panel... clean it first, then check
> around the inverter circuit for bad solder joints.
>
> 300v will give you quite a kick! I prefer a scope,
> having tried the "wet finger" approach already.
>
> bill
>
> --- Jim ve3mij <ve3mij@...> wrote:
> > Thanks Bill,
> >
> > It seems like it's slow to start, but always does.
> > I've had the problem(?)
> > for about 9 years now, and once it comes up, it
> > never goes off... Sounds
> > like it's not a common problem though!
> >
> > As long as I'm not in a rush to read the display, it
> > hasn't been a issue.
> > Fortunately, it's occasional, most of the time it
> > comes up immediately.
> >
> > I seem to remember the inverter is a sealed unit.
> > Don't suppose you've ever

> > had one open?
> >
> > Jim
> >
> > ----- Original Message -----
> > From: "Bill" <coorsbill@...>
> > To: <TS-850_450_690@yahoogroups.com>
> > Sent: Tuesday, August 20, 2002 11:40 AM
> > Subject: Re: [TS-850_450_690] TS-850S Backlight
> >
> >
> > > I suspect that the dc-ac converter for the
> > fluorescent
> > > backlight is not turning on, may also be temp
> > > sensitive. I would replace it.
> > >
> > > bill
> > >
> > > --- Jim ve3mij <ve3mij@...> wrote:
> > > > Ahh.. Been silently enjoying the tech tips and
> > > > pleased that my 850's been trouble free for 11
> > years
> > > > or so.
> > > >
> > > > However, one thing I've been curious about for
> > all
> > > > that time...
> > > >
> > > > Sometimes, the backlight on the LCD doesn't come
> > on
> > > > for a period of time, when first powered up.
> > This
> > > > could be from a second to 20 seconds on the rare
> > > > occasion, but I've often wondered if there is
> > cause
> > > > for concern.
> > > >
> > > > Is this normal?
> > > >
> > > > Thanks all,
> > > >
> > > > Jim VE3MIJ
> > > >
> > > >
> > > > [Non-text portions of this message have been
> > > > removed]
> > > >
> > > >
> > >
> > >

> > > =====
> > >
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> > >
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> > >
> > > THANKS FOR USING TS-850_450_690@...
> > >
> > > Your use of Yahoo! Groups is subject to
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>
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>

# 383. Re: [TS-850_450_690] TS-850S Backlight

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-21 13:32:23 UTC
From: Paul Manuel
Topic: 374  Message: 383

Maybe this has been covered, but, quoting from the manual:
"When switching on the power after a prolonged period of non-use, several seconds may pass before indicators appear on the display. This is normal operation."--pg. 10.
Again, maybe 20 seconds is too long, but I just wanted to bring this up.
73,
Paul K4PDM
--- Jim ve3mij <ve3mij@...> wrote:
> > Sometimes, the backlight on the LCD doesn't come on for a period of
> time, when first powered up. This could be from a second to 20 seconds
> on the rare occasion, but I've often wondered if there is cause for
> concern.

_____
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# 384. Re: [TS-850_450_690] TS-850S Backlight

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-21 14:00:53 UTC
From: Jim ve3mij
Topic: 374  Message: 384

Hey thanks Paul... Read The Fine Manual!

It's been a while since I did. Initially, I never saw the "event", but when I first got the rig, you couldn't pry me off it!

Makes perfect sense.

I'll just watch it, and if it degrades over time, I'll start measuring. Something new for the log book.

- Aug 21, Powered on 850, took 7 seconds for display to illuminate.
- Aug 22, Powered on 850, took 1 second for display to illuminate. (Really should use it more!)

73, Jim
----- Original Message -----
From: "Paul Manuel" <k4pdm@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, August 21, 2002 9:32 AM
Subject: Re: [TS-850_450_690] TS-850S Backlight

> 
> Maybe this has been covered, but, quoting from the manual:
> "When switching on the power after a prolonged period of non-use, several
> seconds may pass before indicators appear on the display. This is normal
> operation."--pg. 10.
> Again, maybe 20 seconds is too long, but I just wanted to bring this up.
> 73,
> Paul K4PDM
> --- Jim ve3mij <ve3mij@...> wrote:
> > > Sometimes, the backlight on the LCD doesn't come on for a period of
> > time, when first powered up. This could be from a second to 20 seconds
> > on the rare occasion, but I've often wondered if there is cause for
> > concern.
> 
> 
> _____
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> 
> THANKS FOR USING TS-850_450_690@...
> 
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> 

>

# 385. Re: [TS-850_450_690] Re: Looking for RF board schematic and PCB plans ... photocopy okay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-21 14:13:06 UTC
From: Bill
Topic: 362  Message: 385

Geeks rule.

73, glad to help!

Bill

--- ve7azc <lober@...> wrote:
> Hi again Bill,
>
> Problem solved! It was D16, which was suprisingly
> easy to replace. I
> wicked out the old solder with very fine wick and
> re-used
> the "saddle" of glue left by the old diode to seat
> the new one.
> Soldered it in lickty-split. BC interference gone.
>
> Bill, thank you very much for this assistance, and
> to Oliver Remaly
> Jr. (WD0ALW) for e-mailing me en excellent quality
> scan of the rf
> board. Also thanks to the others who e-mailed me
> their assistance.
>
> Cheers and good DX.
>
> Herb ... geek extra-ordinaire!
> VE7 AZC

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# 386. Re: [TS-850_450_690] TS-850S Backlight

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-21 17:49:04 UTC
From: Bill
Topic: 374  Message: 386

What can I say, I like to share...

b

--- Jim ve3mij <ve3mij@...> wrote:
> Thanks Bill, You're always a wealth of
> information...
>

=====

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# 387. Re: [TS-850_450_690] TS-850S Backlight

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-21 17:57:15 UTC
From: Bill
Topic: 374  Message: 387

I had better go back and read the manual again!
Missed this one, thanks Paul!

bill

--- Paul Manuel <k4pdm@...> wrote:
>
> Maybe this has been covered, but, quoting from the
> manual:
> "When switching on the power after a prolonged
> period of non-use, several
> seconds may pass before indicators appear on the
> display. This is normal
> operation."--pg. 10.
> Again, maybe 20 seconds is too long, but I just
> wanted to bring this up.
> 73,
> Paul K4PDM
> --- Jim ve3mij <ve3mij@...> wrote:
> > > Sometimes, the backlight on the LCD doesn't come
> on for a period of
> > time, when first powered up. This could be from a
> second to 20 seconds
> > on the rare occasion, but I've often wondered if
> there is cause for
> > concern.
>
>
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# 388. Re: [TS-850_450_690] TS-850S Backlight

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-21 17:58:37 UTC
From: Bill
Topic: 374  Message: 388

I wonder if those gas tubes ever go bad? Might have a
little air in it...

I am going to order the inverter from Pac Coast just
to have it in stock.
b

--- Jim ve3mij <ve3mij@...> wrote:
> Hey thanks Paul... Read The Fine Manual!
>
> It's been a while since I did. Initially, I never
> saw the "event", but when
> I first got the rig, you couldn't pry me off it!
>
> Makes perfect sense.
>
> I'll just watch it, and if it degrades over time,
> I'll start measuring.
> Something new for the log book.
>
> - Aug 21, Powered on 850, took 7 seconds for display
> to illuminate.
> - Aug 22, Powered on 850, took 1 second for display
> to illuminate. (Really
> should use it more!)
>
> 73, Jim
> ----- Original Message -----
> From: "Paul Manuel" <k4pdm@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Wednesday, August 21, 2002 9:32 AM
> Subject: Re: [TS-850_450_690] TS-850S Backlight
>
>
>
> >
> > Maybe this has been covered, but, quoting from the
> manual:
> > "When switching on the power after a prolonged
> period of non-use, several
> > seconds may pass before indicators appear on the
> display. This is normal
> > operation."--pg. 10.
> > Again, maybe 20 seconds is too long, but I just
> wanted to bring this up.
> > 73,

> > Paul K4PDM
> > --- Jim ve3mij <ve3mij@...> wrote:
> > > > Sometimes, the backlight on the LCD doesn't
> come on for a period of
> > > time, when first powered up. This could be from
> a second to 20 seconds
> > > on the rare occasion, but I've often wondered if
> there is cause for
> > > concern.
> >
> >
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> > THANKS FOR USING TS-850_450_690@...
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> >
> >
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>

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## 390. ts850 mods

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-23 21:59:54 UTC
From: gw4xls
Topic: 390  Message: 390

please can any one help me with the mods for the ts850/receive and
the dsp 100 balance modulator mod . many thanks gw4xls

# 391. Re: [TS-850_450_690] ts850 mods

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-24 00:04:09 UTC
From: Bill
Topic: 390  Message: 391

What receive mods are you referring to?

Bill

--- gw4xls <ian@...> wrote:
> please can any one help me with the mods for the
> ts850/receive and
> the dsp 100 balance modulator mod . many thanks
> gw4xls
>
>

=====

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# 392. (no subject)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-24 12:46:01 UTC
From: coorsbill
Topic: 392  Message: 392

Welcome ON4PJ to the group, why not hit the "reply" button and tell us about yourself and your station.

73!

Bill

# 393. TS-850sat ATU problems!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-27 08:06:22 UTC
From: mm0tkl
Topic: 393  Message: 393

Hi everyone,

I've recently purchased a secondhand TS-850sat in excellent condition, but have a problem with the ATU. The Rx works fine, but the Tx only works if the ATU is out of circuit. When the ATU is in circuit and is activated, it makes all the right noises as if it's trying to tune, but the SWR meter reads infinity permanently and the tuner times out without a match on any band and this is into a dummy load! I have no reason to doubt the previous owner when he says it was working when the radio left him and has possibly taken a knock in transit. I don't have the full circuit diagram and only a digital multimeter to help me track down this problem. So, if any of you knowledgable people out there have had this problem before, or know what my problem is, I would be very pleased to hear from you.

Thanks in advance.

John.

MM0TKL (Scotland)

# 394. Re: [TS-850_450_690] TS-850sat ATU problems!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-27 13:00:29 UTC
From: Bill
Topic: 393  Message: 394

John, open 'er up and make sure all the internal
cables are plugged in.

we go from there...

b
--- mm0tkl <mm0tkl@...> wrote:
> Hi everyone,
>
> I've recently purchased a secondhand TS-850sat in
> excellent
> condition, but have a problem with the ATU. The Rx
> works fine, but
> the Tx only works if the ATU is out of circuit. When
> the ATU is in
> circuit and is activated, it makes all the right
> noises as if it's
> trying to tune, but the SWR meter reads infinity
> permanently and the
> tuner times out without a match on any band and this
> is into a dummy
> load! I have no reason to doubt the previous owner
> when he says it
> was working when the radio left him and has possibly
> taken a knock in
> transit. I don't have the full circuit diagram and
> only a digital
> multimeter to help me track down this problem. So,
> if any of you
> knowledgable people out there have had this problem
> before, or know
> what my problem is, I would be very pleased to hear
> from you.
>
> Thanks in advance.
>
> John.
>
> MM0TKL (Scotland)
>
>

=====

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# 395. Re: TS-850sat ATU problems!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-27 14:17:59 UTC
From: mm0tkl
Topic: 393  Message: 395

Further to my last message, I have now taken the lids off and have done the following :-

1. Removed the ATU and the radio works fine.

2. Checked out the continuity of the input and output leads of the ATU and they check out fine right through to the change over relay on the ATU.

3. The route from the relay above through to the tuning capacitors checks out OK.

4. Slowly coming to the conclusion that this fault isn't as obvious as I thought it would be to find!

It looks like it could be the sensing circuit that's not seeing the load on the ATU.

Any ideas please?

Regards,

John.

--- In TS-850_450_690@y..., "mm0tkl" <mm0tkl@b...> wrote:
> Hi everyone,
>
> I've recently purchased a secondhand TS-850sat in excellent
> condition, but have a problem with the ATU. The Rx works fine, but
> the Tx only works if the ATU is out of circuit. When the ATU is in
> circuit and is activated, it makes all the right noises as if it's
> trying to tune, but the SWR meter reads infinity permanently and
the
> tuner times out without a match on any band and this is into a
dummy
> load! I have no reason to doubt the previous owner when he says it
> was working when the radio left him and has possibly taken a knock
in
> transit. I don't have the full circuit diagram and only a digital
> multimeter to help me track down this problem. So, if any of you
> knowledgable people out there have had this problem before, or know
> what my problem is, I would be very pleased to hear from you.
>
> Thanks in advance.
>
> John.
>

> MM0TKL (Scotland)

# 396. Re: [TS-850_450_690] Re: TS-850sat ATU problems!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-27 17:12:29 UTC
From: Bill
Topic: 393  Message: 396

Take a look at the relay that puts the at unit in
line. you could also have one relay that is stuck
"ON", there is a way to find this.

bill

--- mm0tkl <mm0tkl@...> wrote:
> Further to my last message, I have now taken the
> lids off and have
> done the following :-
>
> 1. Removed the ATU and the radio works fine.
>
> 2. Checked out the continuity of the input and
> output leads of the
> ATU and they check out fine right through to the
> change over relay on
> the ATU.
>
> 3. The route from the relay above through to the
> tuning capacitors
> checks out OK.
>
> 4. Slowly coming to the conclusion that this fault
> isn't as obvious
> as I thought it would be to find!
>
> It looks like it could be the sensing circuit
> that's not seeing the
> load on the ATU.
>
> Any ideas please?
>
> Regards,
>
> John.
>
> --- In TS-850_450_690@y..., "mm0tkl" <mm0tkl@b...>
> wrote:
> > Hi everyone,
> >
> > I've recently purchased a secondhand TS-850sat in
> excellent
> > condition, but have a problem with the ATU. The Rx
> works fine, but

> > the Tx only works if the ATU is out of circuit.
> When the ATU is in
> > circuit and is activated, it makes all the right
> noises as if it's
> > trying to tune, but the SWR meter reads infinity
> permanently and
> the
> > tuner times out without a match on any band and
> this is into a
> dummy
> > load! I have no reason to doubt the previous owner
> when he says it
> > was working when the radio left him and has
> possibly taken a knock
> in
> > transit. I don't have the full circuit diagram and
> only a digital
> > multimeter to help me track down this problem. So,
> if any of you
> > knowledgable people out there have had this
> problem before, or know
> > what my problem is, I would be very pleased to
> hear from you.
> >
> > Thanks in advance.
> >
> > John.
> >
> > MM0TKL (Scotland)
>
>

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# 397. Re: TS-850sat ATU problems!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-27 21:40:54 UTC
From: mm0tkl
Topic: 393  Message: 397

Sorry Bill, but as I said in '2' below, I've tried that.

Regards,
John.

--- In TS-850_450_690@y..., Bill <coorsbill@y...> wrote:
> Take a look at the relay that puts the at unit in
> line. you could also have one relay that is stuck
> "ON", there is a way to find this.
>
> bill
>
> --- mm0tkl <mm0tkl@b...> wrote:
> > Further to my last message, I have now taken the
> > lids off and have
> > done the following :-
> >
> > 1. Removed the ATU and the radio works fine.
> >
> > 2. Checked out the continuity of the input and
> > output leads of the
> > ATU and they check out fine right through to the
> > change over relay on
> > the ATU.
> >
> > 3. The route from the relay above through to the
> > tuning capacitors
> > checks out OK.
> >
> > 4. Slowly coming to the conclusion that this fault
> > isn't as obvious
> > as I thought it would be to find!
> >
> > It looks like it could be the sensing circuit
> > that's not seeing the
> > load on the ATU.
> >
> > Any ideas please?
> >
> > Regards,
> >
> > John.
> >
> > --- In TS-850_450_690@y..., "mm0tkl" <mm0tkl@b...>
> > wrote:

> > > Hi everyone,
> > >
> > > I've recently purchased a secondhand TS-850sat in
> > excellent
> > > condition, but have a problem with the ATU. The Rx
> > works fine, but
> > > the Tx only works if the ATU is out of circuit.
> > When the ATU is in
> > > circuit and is activated, it makes all the right
> > noises as if it's
> > > trying to tune, but the SWR meter reads infinity
> > permanently and
> > the
> > > tuner times out without a match on any band and
> > this is into a
> > dummy
> > > load! I have no reason to doubt the previous owner
> > when he says it
> > > was working when the radio left him and has
> > possibly taken a knock
> > in
> > > transit. I don't have the full circuit diagram and
> > only a digital
> > > multimeter to help me track down this problem. So,
> > if any of you
> > > knowledgable people out there have had this
> > problem before, or know
> > > what my problem is, I would be very pleased to
> > hear from you.
> > >
> > > Thanks in advance.
> > >
> > > John.
> > >
> > > MM0TKL (Scotland)
> >
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# 398. Re: [TS-850_450_690] Re: TS-850sat ATU problems!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-27 23:34:20 UTC
From: Bill
Topic: 393  Message: 398

the tuner in the ts850 is a twin "t" design. Relays
in the tuner ground part of the inductance for each
band. One relay should actuate per band. Way to
check? Lift the end of the last largest toroid coil
from ground. Check the large air wound coil with
ohmmeter... if it still shows ground, you may have a
relay stuck shut.

bill

--- mm0tkl <mm0tkl@...> wrote:
> Sorry Bill, but as I said in '2' below, I've tried
> that.
>
> Regards,
> John.
>
>
> --- In TS-850_450_690@y..., Bill <coorsbill@y...>
> wrote:
> > Take a look at the relay that puts the at unit in
> > line. you could also have one relay that is stuck
> > "ON", there is a way to find this.
> >
> > bill
> >
> > --- mm0tkl <mm0tkl@b...> wrote:
> > > Further to my last message, I have now taken the
> > > lids off and have
> > > done the following :-
> > >
> > > 1. Removed the ATU and the radio works fine.
> > >
> > > 2. Checked out the continuity of the input and
> > > output leads of the
> > > ATU and they check out fine right through to the
> > > change over relay on
> > > the ATU.
> > >
> > > 3. The route from the relay above through to the
> > > tuning capacitors
> > > checks out OK.
> > >
> > > 4. Slowly coming to the conclusion that this
> fault

> > > isn't as obvious
> > > as I thought it would be to find!
> > >
> > > It looks like it could be the sensing circuit
> > > that's not seeing the
> > > load on the ATU.
> > >
> > > Any ideas please?
> > >
> > > Regards,
> > >
> > > John.
> > >
> > > --- In TS-850_450_690@y..., "mm0tkl"
> <mm0tkl@b...>
> > > wrote:
> > > > Hi everyone,
> > > >
> > > > I've recently purchased a secondhand TS-850sat
> in
> > > excellent
> > > > condition, but have a problem with the ATU.
> The Rx
> > > works fine, but
> > > > the Tx only works if the ATU is out of
> circuit.
> > > When the ATU is in
> > > > circuit and is activated, it makes all the
> right
> > > noises as if it's
> > > > trying to tune, but the SWR meter reads
> infinity
> > > permanently and
> > > the
> > > > tuner times out without a match on any band
> and
> > > this is into a
> > > dummy
> > > > load! I have no reason to doubt the previous
> owner
> > > when he says it
> > > > was working when the radio left him and has
> > > possibly taken a knock
> > > in
> > > > transit. I don't have the full circuit diagram
> and
> > > only a digital
> > > > multimeter to help me track down this problem.
> So,
> > > if any of you

> > > > knowledgable people out there have had this
> > > problem before, or know
> > > > what my problem is, I would be very pleased to
> > > hear from you.
> > > >
> > > > Thanks in advance.
> > > >
> > > > John.
> > > >
> > > > MM0TKL (Scotland)
> > >
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# 399. Coax suggestion?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-28 03:14:33 UTC
From: ve3tmt
Topic: 399  Message: 399

I have been experimenting with a homemade HF loop, and am having troubles matching it. I have a high power variable cap on the way from Henry Radio, and have been experimenting with a coax matching stub. I can get the thing to resonate to a 1:1 swr, however after prolonged TX, the coax begins to burn on the end. I have even tried RG213 which is supposed to be good for 4KV. Am I doing something wrong?

Thanks,

Max

# 400. TS-850sat SWR problems.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-28 09:26:36 UTC
From: mm0tkl
Topic: 400  Message: 400

My apologies to everyone, especially Bill, but it looks like information I gave earlier was incorrect...

As a new owner to this radio I wasn't fully aware of it metering abilities and did not have the meter switched to SWR initially when I did the first tests and so gave a false diagnoses. The fault is the same with or without the tuner in circuit and that is the meter shows permanent infinity SWR when transmitting into an antenna or dummy load and I think this is the reason why the tuner can't tune any load that's presented. This high SWR reading is being sent back the tuner stopping it from doing its job. It looks like a Stockton bridge type of SWR detector circuit on the filter unit and I've checked the inductors, the two diodes and the tracks between the input and output sockets on the board with my multimeter and everything looks fine. It still looks like the transmitter is not seeing a load at all, but doing continuity checks, it all checks out right through to the antenna socket!

Thanks in advance.

John.

MM0TKL.

# 401. Subject: Coax suggestion?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-28 10:18:39 UTC
From: bud Thompson
Topic: 401  Message: 401

Deltona, FL
Wednesday Aug 28 0615EST

Max -

What band(s) are you trying to use with it?

What is the total length of the wire in the loop?

Where are you placing the coax matching stub and how long is it.

How much power are you using to the coax?

Are you trying to match the coax to the loop, or your transmitter to the coax?

bud N0IA

> Message: 7
> Date: Wed, 28 Aug 2002 03:14:33 -0000
> From: "ve3tmt" <ve3tmt@...>
> Subject: Coax suggestion?
>
> I have been experimenting with a homemade HF loop, and am having
> troubles matching it. I have a high power variable cap on the way
> from Henry Radio, and have been experimenting with a coax matching
> stub. I can get the thing to resonate to a 1:1 swr, however after
> prolonged TX, the coax begins to burn on the end. I have even tried
> RG213 which is supposed to be good for 4KV. Am I doing something
> wrong?
>
> Thanks,
>
> Max

# 402. Re: [TS-850_450_690] Subject: Coax suggestion?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-28 11:15:03 UTC
From: Max Donoghue
Topic: 401  Message: 402

I am trying to make a capacitor out of a piece of
coax. I figure the voltages must be too high, which is
what is causing the arcing at the end. The loop is
tuned to 14.200. I hope to run 100W through it, but
after about 25W the arcing starts. I probably need a
vacuum variable, but they are so expensive.

Max

_____
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# 403. Re: Subject: Coax suggestion?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-28 15:14:19 UTC
From: ve7azc
Topic: 401  Message: 403

H9i there,

I have had good success matching a full wave loop by using a 1/4 wave stub made of good quality 75ohm co-axe. I think last time I used RG-11, which is the same diameter as RG-213. Of course, the 1/4 wave must be multiplied by the velocity factor of the cable, usually around 0.86 or so.

This provided a good match to the 50 ohm RG-213 which ran into the shack. No problems, full power out, fairly good bandwidth, quiet, no arcing at legal limit, about 3db gain in send and receive ... get it as high as possible. Lots of info on Cebik's pages, as well as in the ARRL handbook.

Cheers,

H

--- In TS-850_450_690@y..., Max Donoghue <ve3tmt@y...> wrote:
> I am trying to make a capacitor out of a piece of
> coax. I figure the voltages must be too high, which is
> what is causing the arcing at the end. The loop is
> tuned to 14.200. I hope to run 100W through it, but
> after about 25W the arcing starts. I probably need a
> vacuum variable, but they are so expensive.
>
> Max
>
>

---------------------------------------------------------------------

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# 404. Re: [TS-850_450_690] Coax suggestion?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-28 15:24:32 UTC
From: Bill
Topic: 399  Message: 404

If it's a full wave loop, the feedpoint impedance will
be about 105 ohms. Try a matching stub of RG11 75 ohm
coax, 1/4 wavelength (electrical) long. For 20M that
should be about 10.5'. Use an insulater for the
connection, not a balun.

If it's a short loop, you will have very low
impedances to deal with, with high circulating
currents to heat things up.

b

--- ve3tmt <ve3tmt@...> wrote:
> I have been experimenting with a homemade HF loop,
> and am having
> troubles matching it. I have a high power variable
> cap on the way
> from Henry Radio, and have been experimenting with a
> coax matching
> stub. I can get the thing to resonate to a 1:1 swr,
> however after
> prolonged TX, the coax begins to burn on the end. I
> have even tried
> RG213 which is supposed to be good for 4KV. Am I
> doing something
> wrong?
>
> Thanks,
>
> Max
>
>

=====

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# 405. Re: [TS-850_450_690] Re: Subject: Coax suggestion?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-28 15:25:14 UTC
From: Max Donoghue
Topic: 401  Message: 405

I guess I should have been more specific. The loop is
a small hf loop similar to the Isoloops and the MFJ's.
I have a small capacitor now that will resonate the
loop anywhere from 40-17m but the plate spacing is too
narrow and anything over 25W causes it to arc. I was
trying to make a capacitor out of coax hoping to be
able to get a bit more power to the antenna. But even
with RG213, 50W will cause the coax to arc at the open
end. Plenty of voltage there, that's for sure. Perhaps
it is impossible to use a coax stub? I had a vacuum
variable, but the loop fell over and smashed. I'm
sure the neighbours heard my screams! Any other suggestions?

_____
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# 406. Re: [TS-850_450_690] Re: Subject: Coax suggestion?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-28 18:02:48 UTC
From: Bill
Topic: 401  Message: 406

Yup you got HI Z and HIGH VOLTS!
--- Max Donoghue <ve3tmt@...> wrote:
>
> I guess I should have been more specific. The loop
> is
> a small hf loop similar to the Isoloops and the
> MFJ's.
> I have a small capacitor now that will resonate the
> loop anywhere from 40-17m but the plate spacing is
> too
> narrow and anything over 25W causes it to arc. I was
> trying to make a capacitor out of coax hoping to be
> able to get a bit more power to the antenna. But
> even
> with RG213, 50W will cause the coax to arc at the
> open
> end. Plenty of voltage there, that's for sure.
> Perhaps
> it is impossible to use a coax stub? I had a vacuum
> variable, but the loop fell over and smashed. I'm
> sure the neighbours heard my screams! Any other
> suggestions?
>
>

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# 407. Re: [TS-850_450_690] Subject: Coax suggestion?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-28 20:33:41 UTC
From: Bill
Topic: 401  Message: 407

Try stripping the ground shield back an inch from the
end.

Try making your own hi-v cap, with some brass sheet
and threaded stock and nuts... should not need much
capacitance, with that high impedance.

I have a real high voltage, low cap varicap if you
want to try it.

bill

--- Max Donoghue <ve3tmt@...> wrote:
> I am trying to make a capacitor out of a piece of
> coax. I figure the voltages must be too high, which
> is
> what is causing the arcing at the end. The loop is
> tuned to 14.200. I hope to run 100W through it, but
> after about 25W the arcing starts. I probably need a
> vacuum variable, but they are so expensive.
>
> Max
>
>

---
>
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>

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# 408. Re: [TS-850_450_690] Subject: Coax suggestion?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-28 21:12:52 UTC
From: Max Donoghue
Topic: 401  Message: 408

Try stripping the ground shield back an inch from the
end. Try making your own hi-v cap, with some brass sheet
and threaded stock and nuts... should not need much
capacitance, with that high impedance.
I have a real high voltage, low cap varicap if you
want to try it.

Did the strip thing Bill, it arcs right through. I believe that the value is around 20-30 pf.

Max

---
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[Non-text portions of this message have been removed]

# 409. Re: [TS-850_450_690] Subject: Coax suggestion?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-29 00:13:02 UTC
From: Bill
Topic: 401  Message: 409

Congrats, you have exceeded the punch-thru voltage of
RG8! What is that, anyway???

OK I will send you a picture of this thing.

bill

--- Max Donoghue <ve3tmt@...> wrote:
>
>
> Try stripping the ground shield back an inch from
> the
> end. Try making your own hi-v cap, with some brass
> sheet
> and threaded stock and nuts... should not need much
> capacitance, with that high impedance.
> I have a real high voltage, low cap varicap if you
> want to try it.
>
> Did the strip thing Bill, it arcs right through. I
> believe that the value is around 20-30 pf.
>
> Max
>
>
>
>
> ---------------------------------
> Post your ad for free now! Yahoo! Canada Personals
>
>
> [Non-text portions of this message have been
> removed]
>
>

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# 410. (no subject)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-29 12:59:47 UTC
From: coorsbill
Topic: 410  Message: 410

Welcome new member CT1ESJ, please tell us about yourself and your station!

Welcome also to our other new members, sorry if I haven't acknowledged all of you but it's been a bit of a madhouse (La casa de locos y locas) lately!

73!

Bill
K0ZL

# 411. Fluctuating power output - once again

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-29 23:07:16 UTC
From: ve7avv
Topic: 411  Message: 411

I believe I know the answer to this question, but I'd like to poll the collective wisdom of the group for confirmation. After very heavy use in a recent contest one of my 850' has what I think is a failing DC-DC board -- again. Here are the symptoms:

Keying the radio (with the meter in the ALC position) I notice the ALC go high at about the same time as the output power suddenly drops to zero and then a few seconds later, ALC drops to normal as power output returns to normal. The ALC level appears to fluctuate in sync but in the opposite direction with the output power. Funny thing is, the radio will act normal and then without warning go to the state as described above. In all observations of this problem, the rig is driving a perfectly matched load (near-zero reflected power). All symptoms appear identical to those experienced prior to the last failure of this small board.

In speaking with the Canadian Kenwood repair centre, I'm lead to believe the replacement X59-1100-00 DC-DC Converter board has parts that are an upgrade from original stock parts. Apparently Kenwood was aware of component failure due to heat on this particular board. I believe heat is still a prime factor for this component failing.

As always, the thoughts and comments from the group would be much appreciated.

73 de Paul, VE7AVV
StoneyGround Station
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
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# 412. Re: [TS-850_450_690] Fluctuating power output - once again

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-30 03:07:36 UTC
From: Bill
Topic: 411  Message: 412

Paul, just replace the board.

I put in 1/2 of a 22 pin IC socket in first, for 11
pins, so I can easily change this board in the future,
or test other boards for failure.

bill

--- ve7avv <ve7avv@...> wrote:
> I believe I know the answer to this question, but
> I'd like to poll
> the collective wisdom of the group for confirmation.
> After very heavy
> use in a recent contest one of my 850' has what I
> think is a failing
> DC-DC board -- again. Here are the symptoms:
>
> Keying the radio (with the meter in the ALC
> position) I notice the
> ALC go high at about the same time as the output
> power suddenly drops
> to zero and then a few seconds later, ALC drops to
> normal as power
> output returns to normal. The ALC level appears to
> fluctuate in sync
> but in the opposite direction with the output power.
> Funny thing is,
> the radio will act normal and then without warning
> go to the state as
> described above. In all observations of this
> problem, the rig is
> driving a perfectly matched load (near-zero
> reflected power). All
> symptoms appear identical to those experienced prior
> to the last
> failure of this small board.
>
> In speaking with the Canadian Kenwood repair centre,
> I'm lead to
> believe the replacement X59-1100-00 DC-DC Converter
> board has parts
> that are an upgrade from original stock parts.
> Apparently Kenwood was
> aware of component failure due to heat on this
> particular board. I
> believe heat is still a prime factor for this

> component failing.
>
> As always, the thoughts and comments from the group
> would be much
> appreciated.
>
> 73 de Paul, VE7AVV
> StoneyGround Station
>
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>
>

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# 413. welcome new member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-08-30 13:18:49 UTC
From: coorsbill
Topic: 17  Message: 413

Welcome N9XJN!

Thanks for joining our little group.

Please let us know if there is anything we can help you with.

73!

Bill K0ZL

# 414. TS850SAT for Sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-09-05 18:39:31 UTC
From: vci4u
Topic: 414  Message: 414

Have A TS850 SAT in very good condition with a 500 hz CW and the 1.3 hz SSB Filter and Base Microphone for sale. $750
Radio just had complete check up , tunning & replacement of memory battery from the Kenwood Repair center. No scratches, modifications, non smoker, original owner. If interested send E-Mail to ae4to@...

# 415. Re: [TS-850_450_690] TS850SAT for Sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-09-05 19:11:29 UTC
From: Mike Flowers
Topic: 414  Message: 415

Good deal and should sell quickly.

Good luck and 73,

Mike, K6MKF
--- vci4u <vci4u@...> wrote:
> Have A TS850 SAT in very good condition with a 500
> hz CW and the 1.3
> hz SSB Filter and Base Microphone for sale. $750
> Radio just had complete check up , tunning &
> replacement of memory
> battery from the Kenwood Repair center. No
> scratches, modifications,
> non smoker, original owner. If interested send
> E-Mail to
> ae4to@...
>
>
>

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# 416. Wecome new member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-09-06 12:48:40 UTC
From: coorsbill
Topic: 416  Message: 416

Welcome to new member K8TDJ, glad you joined us.

If you would like to tell us about yourself, please hit your REPLY
button and give us the "brag tape", so to speak!

73!

Bill K0ZL

# 417. Re: Wecome new member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-09-06 16:33:48 UTC
From: k8tdj
Topic: 416  Message: 417

--- In TS-850_450_690@y..., "coorsbill" <coorsbill@y...> wrote:
> Welcome to new member K8TDJ, glad you joined us.
>
> If you would like to tell us about yourself, please hit your REPLY
> button and give us the "brag tape", so to speak!
>
> 73!
>
>Hi Bill, first group I've ever joined, on yahoo. Been K8TDJ for 42 years, had my 850 for about five, really love it---added the Inrad filter to the 8.830 mhz if, 2.1 and 500 khz. Just finished working 5BDXCC with the 850's 100 watt and wire antennas. 80 was by far the hardest, spend most of my time on cw, and am looking at adding separate rx antenna this fall, and getting on ssb more. Best rx I've ever used, and wit my DSP-9 plus, I'm ready for my next operating challenge, 30M WAZ. 73,Jim,K8TDJ

# 418. Re: Wecome new member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-09-06 18:39:50 UTC
From: ve3tmt
Topic: 416  Message: 418

Been K8TDJ for 42
> years, had my 850 for about five, really love it---added the Inrad
> filter to the 8.830 mhz if, 2.1 and 500 khz. Just finished working
> 5BDXCC with the 850's 100 watt and wire antennas. 80 was by far the
> hardest, spend most of my time on cw, and am looking at adding
> separate rx antenna this fall, and getting on ssb more. Best rx I've
> ever used, and wit my DSP-9 plus, I'm ready for my next operating
> challenge, 30M WAZ. 73,Jim,K8TDJ

Hi Jim,

Just wanted to welcome you to the group, and a fantastic one at that. Lots of helpful people here. I recently picked up a TS850 from another member here and just love it. My TS450 has now been relegated to field day use! I am unable to erect any kind of sizeable antennas, so I must run barefoot with wire antennas as well. Your accomplishments are to be applauded. Don't hesitate to ask any questions, there are always lots here to offer valuable information.

73,
Max (station pic is in the photos section of group)

# 419. Speaking of photos...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-09-06 19:06:11 UTC
From: ve3tmt
Topic: 416  Message: 419

Hey guys,

let's see some shack photos!!! I am always looking for new ways to
arrange my operating position.

# 420. (no subject)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-09-10 00:51:16 UTC
From: coorsbill
Topic: 420  Message: 420

Welcome to new member G0CHE! Glad to have you aboard.

Please hit the REPLY button and tell us about yourself and your station, there in G0 land!

Man I wish we could do a slash zero on our ham lists, hi hi!

73.

Bill K0ZL

# 421. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-09-11 01:33:02 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 421

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /Crysrg__.ttf
Uploaded by : ve3tmt <ve3tmt@...>
Description : Slash Zero font for callsigns

You can access this file at the URL

http://groups.yahoo.com/group/TS-850_450_690/files/Crysrg__.ttf

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ve3tmt <ve3tmt@...>

# 422. New Co-moderator Max, VE3TMT!!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-09-16 23:32:27 UTC
From: Bill Leahy
Topic: 422  Message: 422

I would like to introduce Max, VE3TMT, as our NEW CO-MODERATOR!!!

<applause>

<more applause>

<standing ovation>

<people start throwing roses, cash and bus tokens onstage> (just kidding)

Thanks Max!

Max will be able to approve new members (and give that oft-neglected "new member" welcome message that everyone just LOVES to get), approve messages from members that are on "moderate" status (currently, none), and (God forbid!) ban members and so forth.

Please go easy on him! It's not easy being moderator, especially since Yahoo changed everything around. Don't worry, we will have some training on navigating Yahoo's oh-so-intuitive (NOT) moderator tools.

Max, thanks again! If your inbox fills with kudos, blame me...

73!
Bill K0ZL

# 423. Re: New Co-moderator Max, VE3TMT!!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-09-16 23:46:24 UTC
From: VE3TMT
Topic: 422  Message: 423

Hi Bill and members

Hopefully you will all go easy on me except the part about throwing money. Please the more, the better! Bill, I will be sure to let you know what questions I may have so don't be surprised if it is your mailbox that fills up!

I'd still like to see some photos from our other members. I always get new ideas on how to set up the shack by seeing how other ops do it. Hopefully you guys do too! I came across a great way for making my shelves adjustable (see my photo) using threaded rod and hex nuts and washers. I have since added my S-Com processor back into the audio lineup below the 850. By adjusting the shelf height using the hex nuts everything fits nice and snug. But I am running out of room, as the 850 takes a good portion of the available space.

I hope I fulfill the needs of the group as co-moderator and please let me know if I need improving in any area. Gosh, this sounds like a job interview doesn't it?

Max

# 424. New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-09-16 23:52:52 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 424  Message: 424

Enter your vote today! A new poll has been created for the
TS-850_450_690 group:

What is your primary HF radio? Make and
model please.

o Kenwood
o Yaesu
o Icom
o Ten-Tec
o Alinco
o Other

To vote, please visit the following web page:

http://groups.yahoo.com/group/TS-850_450_690/surveys?id=10905891

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

# 425. Those who voted in poll, please try again.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-09-17 00:20:13 UTC
From: Max Donoghue
Topic: 425  Message: 425

Well there's my first slip up! While editing the question in the poll, I see it resets the votes to zero. If you cast your vote, please do so again. I am leaving the house now, so the results will be safe!

73,

Max

# 426. Welcome

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-09-28 05:55:20 UTC
From: w8krr
Topic: 426  Message: 426

Welcome to the TS-850-450-690 group. Tell us about yourself!
Mike

# 427. WTB a Kenwood RM-1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-09-28 20:12:25 UTC
From: ve7avv
Topic: 427  Message: 427

I'm trying to help a fellow 850 owner find a Kenwood RM-1 -- it's the remote keyboard for the 850 and I think the 950 as well. Does anyone have one they'd like to sell? Please advise.

73 de Paul, VE7AVV
StoneyGround Station
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
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# 428. Shack photos

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-09-28 20:20:48 UTC
From: ve7avv
Topic: 428  Message: 428

A while back I recall a thread on the reflector asking for photos of
our shacks. Now that I've got my Club's web page up and working, you
can visit my dual 850 powered shack at:
http://www.bcdxc.org/ve7avv_tour.htm

73 de Paul, VE7AVV
StoneyGround Station
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
"All email from this address is checked by Norton AntiVirus 2002"

# 429. Photo

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-09-29 04:33:51 UTC
From: Bill Leahy
Topic: 429  Message: 429

Max VE3TMT was hollering for shack photos, so I took one without the customary cleanup! It's in photos section.

73

Bill and Bonnie
K0ZL, KB0HTC

# 430. (no subject)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-09-29 04:41:25 UTC
From: Bill Leahy
Topic: 430  Message: 430

Welcome to Stef, FR1FF, our first Reunion Island member!

Tell us about yourself and your station, Stef, and welcome aboard.

73!

Bill K0ZL

# 431. New TS-711 group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-09-30 01:23:53 UTC
From: Jeff Kilgore
Topic: 431  Message: 431

I have created a new Yahoo group for discussion of the Kenwood TS-711
2-meter multimode and closely related radios (for example, the TS-811 series
is also a good discussion topic for this group).

You can join at http://groups.yahoo.com/group/ts-711/.

My apologies for the non-TS-850 bandwidth; I thought some on this list might
possibly be interested.

Thanks and 73,
Jeff, KC1MK

# 432. More Photos for anybody interested

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-09-30 19:31:58 UTC
From: ve7azc
Topic: 432  Message: 432

Just added a few pics of VE7AZC. Got the quad up abt 2mo ago fb.

Lots o fun. 850 a real performer

cul

H

# 433. Re: [TS-850_450_690] New TS-711 group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-01 00:37:44 UTC
From: Bill
Topic: 431  Message: 433

Thanks Jeff, always interested in other ham-related
groups and links.

73!

Bill

--- Jeff Kilgore <the.weight@...> wrote:
> I have created a new Yahoo group for discussion of
> the Kenwood TS-711
> 2-meter multimode and closely related radios (for
> example, the TS-811 series
> is also a good discussion topic for this group).
>
> You can join at
> http://groups.yahoo.com/group/ts-711/.
>
> My apologies for the non-TS-850 bandwidth; I thought
> some on this list might
> possibly be interested.
>
> Thanks and 73,
> Jeff, KC1MK
>
>

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# 434. Re: [TS-850_450_690] More Photos for anybody interested

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-01 01:32:17 UTC
From: Bill
Topic: 432  Message: 434

What kind of quad is it? Homebrew?

Wife Bonnie loves it and wants to get one! :))

I notice one feed point, with a balun... what kind of
balun is it, and does it give a good match?

Your station looks almost like ours! Great minds,
same gutter I suppose!

73

Bill and Bonnie
K0ZL, KB0HTC

--- ve7azc <lober@...> wrote:
> Just added a few pics of VE7AZC. Got the quad up
> abt 2mo ago fb.
>
> Lots o fun. 850 a real performer
>
> cul
>
> H
>
>

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# 435. TS-450sat swr meter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-01 20:24:52 UTC
From: James
Topic: 435  Message: 435

Hi
My swr meter on my ts-450sat reads 1 all the time, regardless of the band antenna, with or witout tunner, can anyone help me fix this problem, Please mail me at jim007_64 at yahoo.co.uk
Regards
James

# 436. Re: [TS-850_450_690] TS-450sat swr meter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-01 23:08:41 UTC
From: Bill
Topic: 435  Message: 436

Jim I suspect that your reverse VSWR detection diode
is bad.

Access the VSF and VSR signals on connector 8 on the
filter unit. at low power setting into open antenna,
these voltages should be about the same, on the order
of a volt or two at 5-10 watts setting. If VSF is
much greater than VSF, D9 is bad. It is a 1SS101
Shottky type diode, which I have here if you need
some.

Bill

--- James <jim007_64@...> wrote:
> Hi
> My swr meter on my ts-450sat reads 1 all the time,
> regardless of the
> band antenna, with or witout tunner, can anyone help
> me fix this
> problem, Please mail me at jim007_64 at yahoo.co.uk
> Regards
> James
>
>

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# 437. Re: [TS-850_450_690] WTB a Kenwood RM-1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-02 00:25:03 UTC
From: Ray Rosler
Topic: 427  Message: 437

Hello:
The name is Ray VE5RAE and I do have a brand new RM-1 still in the box with instructions and all. asking 50.00 resisters. you can contact me at
roslr@...

----- Original Message -----
From: ve7avv
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, September 28, 2002 3:12 PM
Subject: [TS-850_450_690] WTB a Kenwood RM-1

I'm trying to help a fellow 850 owner find a Kenwood RM-1 -- it's the
remote keyboard for the 850 and I think the 950 as well. Does anyone
have one they'd like to sell? Please advise.

73 de Paul, VE7AVV
StoneyGround Station
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
"All email from this address is checked by Norton AntiVirus 2002"

THANKS FOR USING TS-850_450_690@...

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 438. Test

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-02 16:05:46 UTC
From: w8krr
Topic: 438  Message: 438

Please ignore.

# 439. 870 repair

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-03 03:06:32 UTC
From: Tom
Topic: 439  Message: 439

Anyone know of good repair service for the Kenwood 870??? The kenwood 870 group has very little activity.

thanks Tom WA3KQA

# 440. Re: [TS-850_450_690] 870 repair

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-03 06:37:44 UTC
From: Berry Griffin
Topic: 439  Message: 440

AVVid
Authorized Kenwood and Icom Amateur Service
www.avvid.com

I hear nothing but good reports about Cliff.

Berry, W6EZ

Tom wrote:

> Anyone know of good repair service for the Kenwood 870??? The
> kenwood 870 group has very little activity.
>
> thanks Tom WA3KQA
>

[Non-text portions of this message have been removed]

# 441. AGC mod for TS-450S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-03 18:07:03 UTC
From: smatda
Topic: 441  Message: 441

Hi all,

I'm new to the group and was wondering if anyone has tried the AGC mod for the 450 which is here:

http://groups.google.com/groups?q=TS-450s+Mod&hl=en&lr=&ie=UTF-8&oe=UTF-8&selm=8rota8%24bcg%241%40nnrp1.deja.com&rnum=1

Is it worth doing the mod?

Steve, KE4MOB

# 442. Re: [TS-850_450_690] AGC mod for TS-450S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-03 20:00:35 UTC
From: Bill
Topic: 441  Message: 442

Looks like a good one.

I would do only if the AGC is too fast for you.

The 850 has 3 AGC time constant settings; I thought
the 450 had 2?

bill

--- smatda <smatda@...> wrote:
> Hi all,
>
> I'm new to the group and was wondering if anyone has
> tried the AGC
> mod for the 450 which is here:
>
>
http://groups.google.com/groups?q=TS-450s+Mod&hl=en&lr=&ie=UTF-
>
8&oe=UTF-8&selm=8rota8%24bcg%241%40nnrp1.deja.com&rnum=1
>
> Is it worth doing the mod?
>
> Steve, KE4MOB
>
>
>
>
>

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# 443. Re: AGC mod for TS-450S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-04 13:18:40 UTC
From: smatda
Topic: 441  Message: 443

Yes, that's correct...the 450 has two settings. I guess it's a matter
of "how fast is too fast"?

Steve, KE4MOB

--- In TS-850_450_690@y..., Bill <coorsbill@y...> wrote:
> Looks like a good one.
>
> I would do only if the AGC is too fast for you.
>
> The 850 has 3 AGC time constant settings; I thought
> the 450 had 2?
>
> bill
>
>
> --- smatda <smatda@c...> wrote:
> > Hi all,
> >
> > I'm new to the group and was wondering if anyone has
> > tried the AGC
> > mod for the 450 which is here:
> >
> >
> http://groups.google.com/groups?q=TS-450s+Mod&hl=en&lr=&ie=UTF-
> >
> 8&oe=UTF-8&selm=8rota8%24bcg%241%40nnrp1.deja.com&rnum=1
> >
> > Is it worth doing the mod?
> >
> > Steve, KE4MOB
> >
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# 444. Re: [TS-850_450_690] Re: AGC mod for TS-450S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-04 13:21:42 UTC
From: Bill
Topic: 441  Message: 444

The AGC time constant is one of those things that can
make your radio wonderful or a dog to listen to! I
remember playing with every radio I've ever had, from
National NC-300 to Yaesu FT-101 until I got the AGC
"right". The only ones I didn't have to mess with
were the Drakes and the '850!

Bill

--- smatda <smatda@...> wrote:
> Yes, that's correct...the 450 has two settings. I
> guess it's a matter
> of "how fast is too fast"?
>
> Steve, KE4MOB
>
> --- In TS-850_450_690@y..., Bill <coorsbill@y...>
> wrote:
> > Looks like a good one.
> >
> > I would do only if the AGC is too fast for you.
> >
> > The 850 has 3 AGC time constant settings; I
> thought
> > the 450 had 2?
> >
> > bill
> >
> >
> > --- smatda <smatda@c...> wrote:
> > > Hi all,
> > >
> > > I'm new to the group and was wondering if anyone
> has
> > > tried the AGC
> > > mod for the 450 which is here:
> > >
> > >
> > >
> >
> http://groups.google.com/groups?q=TS-450s+Mod&hl=en&lr=&ie=UTF-
> > >
> > >
> >
> 8&oe=UTF-8&selm=8rota8%24bcg%241%40nnrp1.deja.com&rnum=1

> > >
> > > Is it worth doing the mod?
> > >
> > > Steve, KE4MOB
> > >
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# 445. Re: More Photos for anybody interested

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-04 22:20:25 UTC
From: ve7azc
Topic: 432  Message: 445

Hi there,

Thanks for the interest. The quad is rare bird built by W2AU, but the parts are top notch quality. It is very similar to the lightning bolt and Cubex quads. The arms a tapered hollow fiberglass with re-enforcing where the wires pass through them. The hubs are cast aluminum, real tough. The boom is 2" aluminum tube.

The directions supplied with the quad (which I purchased used for $200) indicate a common feed point using a 1:1 balun, plenty of which are available. I've read many books on separate feeds for the three bands, but I just am not that fussy. There is a very good match on the three bands using the standard equations (1005/F). I have run full legal into it with no problems. I DID have to make a coil of co-ax ( five turns 8" diameter) to decouple the antenna from the feed line due to RF at QRO levels. The reflector loops are 2% bigger than the driven elements.

The main difference from my other antennas, other than the gain, is the utter quietness of the quad. At first the band seemed dead, and then whamo ... big sigs!.

It is a very light antenna (total weight about 30lb) with a wind load of less than 4 square feet. The only problem is assembling the thing. I preassembled the elements in the back yard and then hoisted them individually onto the boom with a light rope. It's very BIG in the air ... not flat like a yagi. the boom is only 8 feet long, so in the air assembly is not too bad if you're careful.

Due to it's quietness, I often use it to monitor on 80m.

The from to side is good, but the f/b is not as good as a yagi I think. I have it at 40 feet boom height.

Glad to see others are still interested in this type of antenna. I'm sold on loops for their quietness and low angle.

Cheers,
Herb

In TS-850_450_690@y..., Bill <coorsbill@y...> wrote:
> What kind of quad is it? Homebrew?
>
> Wife Bonnie loves it and wants to get one! :))
>
> I notice one feed point, with a balun... what kind of
> balun is it, and does it give a good match?

>
> Your station looks almost like ours! Great minds,
> same gutter I suppose!
>
> 73
>
> Bill and Bonnie
> K0ZL, KB0HTC
>
> --- ve7azc <lober@t...> wrote:
> > Just added a few pics of VE7AZC. Got the quad up
> > abt 2mo ago fb.
> >
> > Lots o fun. 850 a real performer
> >
> > cul
> >
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>
> see our website www.amateur-repairs.com
>
>
> _____
> Do you Yahoo!?
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> http://sbc.yahoo.com

# 446. (no subject)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-05 15:52:32 UTC
From: w8krr
Topic: 446  Message: 446

Welcome SM0GNS to the 850_450_690 group. Please use the
reply button and tell us a bit about yourself.
Mike

# 447. Welcome

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-06 13:09:19 UTC
From: w8krr
Topic: 426  Message: 447

Welcome PA3EMN to the 850_450_690 group. Please use the
reply button and tell us a bit about yourself.
Mike

# 448. Welcome

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-07 06:07:56 UTC
From: w8krr
Topic: 426  Message: 448

Welcome K9CTF to the 850_450_690 group. Please use the
reply button and tell us a bit about yourself.
Mike

# 449. Re: [TS-850_450_690] Re: More Photos for anybody interested

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-08 23:55:35 UTC
From: Bill
Topic: 432  Message: 449

Thanks Herb.

I was particularly interested in the feed point
arrangement, since I know that loop are about 105 ohms
(I don't know their char. impedance when in proximity
to a reflector however).

I am looking at the Lightning Bolt 2 element, as I
would like all 5 bands, and don't need a lot of gain
as I can run 400w if needed.

73!

bill

--- ve7azc <lober@...> wrote:
> Hi there,
>
> Thanks for the interest. The quad is rare bird
> built by W2AU, but
> the parts are top notch quality. It is very similar
> to the lightning
> bolt and Cubex quads. The arms a tapered hollow
> fiberglass with re-
> enforcing where the wires pass through them. The
> hubs are cast
> aluminum, real tough. The boom is 2" aluminum tube.
>
> The directions supplied with the quad (which I
> purchased used for
> $200) indicate a common feed point using a 1:1
> balun, plenty of which
> are available. I've read many books on separate
> feeds for the three
> bands, but I just am not that fussy. There is a
> very good match on
> the three bands using the standard equations
> (1005/F). I have run
> full legal into it with no problems. I DID have to
> make a coil of co-
> ax ( five turns 8" diameter) to decouple the antenna
> from the feed
> line due to RF at QRO levels. The reflector loops
> are 2% bigger than
> the driven elements.
>

> The main difference from my other antennas, other
> than the gain, is
> the utter quietness of the quad. At first the band
> seemed dead, and
> then whamo ... big sigs!.
>
> It is a very light antenna (total weight about 30lb)
> with a wind load
> of less than 4 square feet. The only problem is
> assembling the
> thing. I preassembled the elements in the back yard
> and then hoisted
> them individually onto the boom with a light rope.
> It's very BIG in
> the air ... not flat like a yagi. the boom is only 8
> feet long, so in
> the air assembly is not too bad if you're careful.
>
> Due to it's quietness, I often use it to monitor on
> 80m.
>
> The from to side is good, but the f/b is not as good
> as a yagi I
> think. I have it at 40 feet boom height.
>
> Glad to see others are still interested in this type
> of antenna. I'm
> sold on loops for their quietness and low angle.
>
> Cheers,
> Herb
>
>
> In TS-850_450_690@y..., Bill <coorsbill@y...> wrote:
> > What kind of quad is it? Homebrew?
> >
> > Wife Bonnie loves it and wants to get one! :))
> >
> > I notice one feed point, with a balun... what kind
> of
> > balun is it, and does it give a good match?
> >
> > Your station looks almost like ours! Great minds,
> > same gutter I suppose!
> >
> > 73
> >
> > Bill and Bonnie
> > K0ZL, KB0HTC
> >

> > --- ve7azc <lober@t...> wrote:
> > > Just added a few pics of VE7AZC. Got the quad
> up
> > > abt 2mo ago fb.
> > >
> > > Lots o fun. 850 a real performer
> > >
> > > cul
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> >
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# 450. Welcome

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-10 21:48:33 UTC
From: w8krr
Topic: 426  Message: 450

Welcome KM0A to the 850_450_690 group. Please use the
reply button and tell us a bit about yourself.
Mike

# 451. USER MANUAL OF TS-850-S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-11 16:48:42 UTC
From: Juan Carlos
Topic: 451  Message: 451

Hello everybody,
I Have the User Manual of the Kenwood TS-850-S in DEUSTCH-ITALIANO-
DUTCH in one volume, and the User Manual in FRANCAIS (the pasges 139
to202. I don´t need this because I can not understand this languages.
I Will make a change to the Spanish (ESPAÑOL) User Manual.
My address is
EA1FEN
P.O.Box: 1004
26080-Logroño
La Rioja - Spain
Thank you.
Juan Carlos

# 452. Welcome

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-13 09:14:53 UTC
From: w8krr
Topic: 426  Message: 452

Welcome to the 850_450_690 group. Please use the
reply button and tell us a bit about yourself.
Mike

# 453. Wanted

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-14 04:00:50 UTC
From: Arthur K. Andersen
Topic: 453  Message: 453

I am looking for a service manual for the Kenwood TS450S/AT transceiver. Does anyone have an original copy they want to sell?

Art, AA0BL

[Non-text portions of this message have been removed]

# 454. WTB dsp digital unit for 450 850 or 690/rx question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-14 07:17:17 UTC
From: rvmixalot
Topic: 454  Message: 454

Hi Group,

Wow, its great to see the excitement about a radio that hasn't been in production for quite some time.

I'm just picked up a new (old) ts450s and would like to find a DSP 100 digital unit for it. I know not many of them were sold, but would like your help in possibly finding one. If you can help, drop me a note.

On 20 meters during a contesting situation.... On recieve on a loaded band, i'm hearing images of other 20 meters phone signals. For example with a strong phone station operating on 14.220 I might hear him in a disorted manner on 14.320 etc.....I have noted the lightning arrestor has been
blown (its pretty darn yellow) some have indicated that the blown arrestor itself may cause the rx. malady.

The tx sounds fine, the rx. sens. seems to be just fine, and I could not duplicate this with other strong signals on other bands (although it was hard to test)

Have you ever heard of this before? Do you think the problem has gone further in the many diodes which follow?

Comments/Suggestions?

Rick
ve7cjq

# 455. Re: [TS-850_450_690] Welcome

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-14 14:15:50 UTC
From: Bill
Topic: 426  Message: 455

Ten meters was HOT yesterday, best I've ever heard it... heard Europe and Asia at the same time and everyone was s5-s9!!!

bill

--- w8krr <w8krr@...> wrote:
> Welcome to the 850_450_690 group. Please use the
> reply button and tell us a bit about yourself.
> Mike
>
>

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# 456. Re: [TS-850_450_690] Wanted

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-14 14:30:12 UTC
From: Bill
Topic: 453  Message: 456

You are going the right way in seeking an original
service manual, Art. Photocopies these days are
nearly useless (if black and white... I should think
color copies would not be cost-effective).

I should think that the 450 manuals are still
available from Kenwood/PacCoastParts/EastCoastParts?
bill

--- "Arthur K. Andersen" <aa0blaka@...>
wrote:
> I am looking for a service manual for the Kenwood
> TS450S/AT transceiver. Does anyone have an original
> copy they want to sell?
>
> Art, AA0BL
>
> [Non-text portions of this message have been
> removed]
>
>

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# 457. Re: [TS-850_450_690] WTB dsp digital unit for 450 850 or 690/rx question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-14 14:36:19 UTC
From: Bill
Topic: 454  Message: 457

The spark arrestor (DSA301LA, from PacCoastParts or Icom, about 8 bux) should not affect things, but you do want to replace it ASAP. I do mine about every year, since I put the 1 mH choke across it, it lasts about that long (instead of 3-6 months as before).

If you can't duplicate the image problem on other strong sigs, chances are, it was with that guy's transmitter.

Get in the habit of turning your AIP ON. This shuts off the preamp and bypasses it and will increase your third-order intercept point and keep a lot of distortion from happening. Also leave your noise blanker off and when using it, turn NB level to minimum. You can also use your 6 or 12 db att switch if you need it.

bill
--- rvmixalot <rickvolpatti@...> wrote:
> Hi Group,
>
> Wow, its great to see the excitement about a radio
> that hasn't been
> in production for quite some time.
>
> I'm just picked up a new (old) ts450s and would like
> to find a DSP
> 100 digital unit for it. I know not many of them
> were sold, but would
> like your help in possibly finding one. If you can
> help, drop me a
> note.
>
> On 20 meters during a contesting situation.... On
> recieve on a
> loaded band, i'm hearing images of other 20 meters
> phone signals. For
> example with a strong phone station operating on
> 14.220 I might hear
> him in a disorted manner on 14.320 etc.....I have
> noted the
> lightning arrestor has been
> blown (its pretty darn yellow) some have indicated
> that the blown
> arrestor itself may cause the rx. malady.

>
> The tx sounds fine, the rx. sens. seems to be just
> fine, and I could
> not duplicate this with other strong signals on
> other bands (although
> it was hard to test)
>
> Have you ever heard of this before? Do you think the
> problem has gone
> further in the many diodes which follow?
>
> Comments/Suggestions?
>
> Rick
> ve7cjq
>
>
>

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# 458. Re: [TS-850_450_690] Welcome

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-14 14:56:18 UTC
From: w8krr
Topic: 426  Message: 458

Finally got a date - 11/14. I can't wait!
Mike
----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Monday, October 14, 2002 10:15 AM
Subject: Re: [TS-850_450_690] Welcome

Ten meters was HOT yesterday, best I've ever heard
it... heard Europe and Asia at the same time and
everyone was s5-s9!!!

bill

--- w8krr <w8krr@...> wrote:
> Welcome to the 850_450_690 group. Please use the
> reply button and tell us a bit about yourself.
> Mike
>
>

=====

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[Non-text portions of this message have been removed]

# 459. Welcome

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-15 19:02:53 UTC
From: w8krr
Topic: 426  Message: 459

Welcome PY2MRD to the 850_450_690 group. Please use the
reply button and tell us a bit about yourself.
Mike

# 460. DRU-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-15 19:16:35 UTC
From: luiz lissoni
Topic: 460  Message: 460

Folks,

some months ago I bought a DRU-2 to my TS870 but it
doesn?t fit. So I am selling it for US$ 65,00 in a
mint condition.

Tks

Luiz
PY2MRD

_____
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# 461. Re: [TS-850_450_690] DRU-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-15 19:22:53 UTC
From: sefreitas
Topic: 460  Message: 461

The DRU-2 is to TS-450/850 only. For 870 you must use DRU-3.

Eduardo - PY2VR

> ---------- Mensagem original ----------
>
> De : luiz lissoni <py2mrd@...>
> Para : TS-850_450_690@yahoogroups.com
> Cc :
> Data : Tue, 15 Oct 2002 12:16:35 -0700 (PDT)
> Assunto : [TS-850_450_690] DRU-2
>
> Folks,
>
> some months ago I bought a DRU-2 to my TS870 but it
> doesn´t fit. So I am selling it for US$ 65,00 in a
> mint condition.
>
> Tks
>
> Luiz
> PY2MRD
>
> _____
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> http://us.click.yahoo.com/SrPZMC/kTmEAA/jd3IAA/ELTolB/TM
> ---
-~->
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/t
erms/
>
>
>
>

# 462. Re: [TS-850_450_690] DRU-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-15 19:40:30 UTC
From: Bill
Topic: 460  Message: 462

Does anyone know if there is a TS-870/570 group on
Yahoo?

bill

--- sefreitas <sefreitas@...> wrote:
> The DRU-2 is to TS-450/850 only. For 870 you must
> use DRU-3.
>
> Eduardo - PY2VR
>
> > ---------- Mensagem original ----------
> >

=====

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# 463. New member from the Philippines

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-15 22:18:34 UTC
From: dmcbohol
Topic: 463  Message: 463

Oct. 15, 2002

Hello all!

My name is Dennis Ls. M. Cruz and I'm from the Philippines. I believe some of you are familiar with me since I also joined the groups for IC-R75, IC-718, VR-500, SuperadioIII, TS-440, etc. I joined this group more than 3 weeks ago but took the time to read all the postings and compile all important points and discussion in a Word doc format like what I also did to the TS-440 postings. Anyway I am here to learn in advance about this great radio - the radio that I'm dreaming to get one in the near future when one of this units would show up on my dealers place. There are very few TS-850 users here in the Philippines, most are using the TS-430 & 440. Anyway, I shall be postings some questions soon. Hope everyone can assist me in my quest for the best information about the Kenwood TS-850 and other radios.

Dennis (stclaire@...)
island of Bohol (09 deg 38' North 123 deg 52' East -8:00 UTC),
the Philippines

# 464. Re: [TS-850_450_690] New member from the Philippines

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-15 22:53:47 UTC
From: Bill
Topic: 463  Message: 464

Hi Dennis

Feel free to post your file on the "files" section of
the group if you want. Might save someone from having
to go through all the posts which can be quite
tedious.

Thanks for contributing Dennis, we are looking forward
to hearing how you and your friends are doing there.

73!

Bill

--- dmcbohol <stclaire@...> wrote:
> Oct. 15, 2002
>
> Hello all!
>
> My name is Dennis Ls. M. Cruz and I'm from the
> Philippines. I believe
> some of you are familiar with me since I also joined
> the groups for
> IC-R75, IC-718, VR-500, SuperadioIII, TS-440, etc. I
> joined this
> group more than 3 weeks ago but took the time to
> read all the
> postings and compile all important points and
> discussion in a Word
> doc format like what I also did to the TS-440
> postings. Anyway I am
> here to learn in advance about this great radio -
> the radio that I'm
> dreaming to get one in the near future when one of
> this units would
> show up on my dealers place. There are very few
> TS-850 users here in
> the Philippines, most are using the TS-430 & 440.
> Anyway, I shall be
> postings some questions soon. Hope everyone can
> assist me in my quest
> for the best information about the Kenwood TS-850
> and other radios.
>
> Dennis (stclaire@...)
> island of Bohol (09 deg 38' North 123 deg 52' East

> -8:00 UTC),
> the Philippines
>
>
>

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# 465. Re: [TS-850_450_690] Digest Number 135

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-16 18:30:22 UTC
From: Federico Batarse_Prodigy
Topic: 465  Message: 465

hi, this is xe2nlm, federico , ts-850s pride owner. it is still available
the DRU-2 ( THE VOICE RECORDER?????)

kind regards to the group and thanks to Bill for the group.

federico
xe2nlm

----- Original Message -----
From: <TS-850_450_690@yahoogroups.com>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, October 16, 2002 5:39 AM
Subject: [TS-850_450_690] Digest Number 135

THANKS FOR USING TS-850_450_690@...
---

There are 6 messages in this issue.

Topics in this digest:

1. Welcome
From: "w8krr" <w8krr@...>
2. DRU-2
From: luiz lissoni <py2mrd@...>
3. Re: DRU-2
From: "sefreitas" <sefreitas@...>
4. Re: DRU-2
From: Bill <coorsbill@...>
5. New member from the Philippines
From: "dmcbohol" <stclaire@...>
6. Re: New member from the Philippines
From: Bill <coorsbill@...>

---
---

Message: 1
Date: Tue, 15 Oct 2002 19:02:53 -0000
From: "w8krr" <w8krr@...>
Subject: Welcome

Welcome PY2MRD to the 850_450_690 group. Please use the
reply button and tell us a bit about yourself.
Mike

---
---

Message: 2
Date: Tue, 15 Oct 2002 12:16:35 -0700 (PDT)
From: luiz lissoni <py2mrd@...>
Subject: DRU-2

Folks,

some months ago I bought a DRU-2 to my TS870 but it
doesn?t fit. So I am selling it for US$ 65,00 in a
mint condition.

Tks

Luiz
PY2MRD

---------------------------------------------------
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---
---

Message: 3
Date: Tue, 15 Oct 2002 16:22:53 -0300
From: "sefreitas" <sefreitas@...>
Subject: Re: DRU-2

The DRU-2 is to TS-450/850 only. For 870 you must use DRU-3.

Eduardo - PY2VR

> ---------- Mensagem original -----------
>
> De : luiz lissoni <py2mrd@...>
> Para : TS-850_450_690@yahoogroups.com
> Cc :
> Data : Tue, 15 Oct 2002 12:16:35 -0700 (PDT)
> Assunto : [TS-850_450_690] DRU-2
>
> Folks,
>
> some months ago I bought a DRU-2 to my TS870 but it
> doesn?t fit. So I am selling it for US$ 65,00 in a
> mint condition.
>
> Tks
>
> Luiz
> PY2MRD
>
> _____________________________________________
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> http://us.click.yahoo.com/SrPZMC/kTmEAA/jd3IAA/ELTolB/TM
> ---
-~->
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/t
erms/
>
>
>
>

---
---

Message: 4
Date: Tue, 15 Oct 2002 12:40:30 -0700 (PDT)
From: Bill <coorsbill@...>
Subject: Re: DRU-2

Does anyone know if there is a TS-870/570 group on
Yahoo?

bill

--- sefreitas <sefreitas@...> wrote:
> The DRU-2 is to TS-450/850 only. For 870 you must
> use DRU-3.
>
> Eduardo - PY2VR
>
> > ---------- Mensagem original ----------
> >

=====

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---
---

Message: 5
Date: Tue, 15 Oct 2002 22:18:34 -0000
From: "dmcbohol" <stclaire@...>
Subject: New member from the Philippines

Oct. 15, 2002

Hello all!

My name is Dennis Ls. M. Cruz and I'm from the Philippines. I believe some of you are familiar with me since I also joined the groups for IC-R75, IC-718, VR-500, SuperadioIII, TS-440, etc. I joined this group more than 3 weeks ago but took the time to read all the postings and compile all important points and discussion in a Word doc format like what I also did to the TS-440 postings. Anyway I am here to learn in advance about this great radio - the radio that I'm dreaming to get one in the near future when one of this units would show up on my dealers place. There are very few TS-850 users here in the Philippines, most are using the TS-430 & 440. Anyway, I shall be postings some questions soon. Hope everyone can assist me in my quest for the best information about the Kenwood TS-850 and other radios.

Dennis (stclaire@...)
island of Bohol (09 deg 38' North 123 deg 52' East -8:00 UTC),
the Philippines

---
---

Message: 6
Date: Tue, 15 Oct 2002 15:53:47 -0700 (PDT)
From: Bill <coorsbill@...>
Subject: Re: New member from the Philippines

Hi Dennis

Feel free to post your file on the "files" section of the group if you want. Might save someone from having to go through all the posts which can be quite tedious.

Thanks for contributing Dennis, we are looking forward to hearing how you and your friends are doing there.

73!

Bill

--- dmcbohol <stclaire@...> wrote:
> Oct. 15, 2002
>
> Hello all!
>
> My name is Dennis Ls. M. Cruz and I'm from the

> Philippines. I believe
> some of you are familiar with me since I also joined
> the groups for
> IC-R75, IC-718, VR-500, SuperadioIII, TS-440, etc. I
> joined this
> group more than 3 weeks ago but took the time to
> read all the
> postings and compile all important points and
> discussion in a Word
> doc format like what I also did to the TS-440
> postings. Anyway I am
> here to learn in advance about this great radio -
> the radio that I'm
> dreaming to get one in the near future when one of
> this units would
> show up on my dealers place. There are very few
> TS-850 users here in
> the Philippines, most are using the TS-430 & 440.
> Anyway, I shall be
> postings some questions soon. Hope everyone can
> assist me in my quest
> for the best information about the Kenwood TS-850
> and other radios.
>
> Dennis (stclaire@...)
> island of Bohol (09 deg 38' North 123 deg 52' East
> -8:00 UTC),
> the Philippines
>
>
>

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# 466. Welcome

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-17 09:23:19 UTC
From: w8krr
Topic: 426  Message: 466

Welcome VO1GW to the 850_450_690 group. Please use the
reply button and tell us a bit about yourself.
Mike

# 467. Problems with a KWD TS-850s

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-17 13:39:51 UTC
From: vo1gw_2002
Topic: 467  Message: 467

For a while now, I have had trouble with my TS-850. When I first turn the rig on,
within 5-10 minutes my receive audio become very distorted. At the same
time, if I transmit, I have been told my transmit signal sounds distorted as well.
This seems to last only up to 5-10 minutes then disappears and the rig works fine
from then on. I have tried another rig on my powersupply at the same time and it works
fine, so I guess the powersupply is not the problem. Since the receive and transmit signals
are affected I don't think it's RF. I am not very technically enclined so don't have too many
ideas of what is causing this. Any thoughts would be appreciated.

Thanks.

George - (VO1GW).

# 468. Re: Welcome

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-17 13:44:22 UTC
From: vo1gw_2002
Topic: 426  Message: 468

--- In TS-850_450_690@y..., "w8krr" <w8krr@m...> wrote:
> Welcome VO1GW to the 850_450_690 group. Please use the
> reply button and tell us a bit about yourself.
> Mike

I'm 29 years old &live in Newfoundland, Canada.
Been a ham for 8 years and enjoy working DX and
increasing my DXCC numbers. I have had my TS-850 for about
5 years now.

Vy 73, George - VO1GW.

# 469. Re: [TS-850_450_690] Problems with a KWD TS-850s

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-17 14:17:29 UTC
From: Bill
Topic: 467  Message: 469

Hi George.. It's a DDS unit problem. You will have to
determine which of the four chips is bad on the DDS
unit using a hair dryer, or replace the entire DDS
unit board.

bill

--- vo1gw_2002 <vo1gw_2002@...> wrote:
> For a while now, I have had trouble with my TS-850.
> When I first turn
> the rig on,
> within 5-10 minutes my receive audio become very
> distorted. At the
> same
> time, if I transmit, I have been told my transmit
> signal sounds
> distorted as well.
> This seems to last only up to 5-10 minutes then
> disappears and the
> rig works fine
> from then on. I have tried another rig on my
> powersupply at the same
> time and it works
> fine, so I guess the powersupply is not the problem.
> Since the
> receive and transmit signals
> are affected I don't think it's RF. I am not very
> technically
> enclined so don't have too many
> ideas of what is causing this. Any thoughts would be
> appreciated.
>
> Thanks.
>
> George - (VO1GW).
>
>

=====

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# 470. here's a good deal!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-17 17:15:05 UTC
From: Bill Leahy
Topic: 470  Message: 470

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=1389429737

looks like it needs about $100.00 worth of parts, or less and some
patience... I wouldn't go over 650.

bill

# 471. Compilation of postings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-17 22:34:34 UTC
From: dmcbohol
Topic: 471  Message: 471

Oct. 18, 2002

Hello group !

I shall be posting on the file section soon my compilation of all the postings from beginning of this group up to the latest. Please standby as I still have to run a spelling check on it and make a few ammendents to include the latest postints.

Thank you

Dennis

# 472. Wonder if any one has

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-17 23:26:32 UTC
From: Stu
Topic: 472  Message: 472

Any one got the TS850S manual in pdf? Or the last pages in the service manual think its 117 onwards.

I have the original manuals one with English and one with other languages but I like to have the manuals on my pc as well.

Its just a little thing I do
I have manuals for different radios and antennas I have or used over the years if you want me to list them just ask and I will.

Any help would be great. That reminds me I need to get my other radio the TS850 repaired

Will get around to it one of these days. Probably shouldn't have bought a new radio then I would have sorted or got it sorted.

Stu MM0BSM

# 473. Re: [TS-850_450_690] Wonder if any one has

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-18 14:06:22 UTC
From: Bill
Topic: 472  Message: 473

What's wrong with your 850?

b

--- Stu <samalex@...> wrote:
> Any one got the TS850S manual in pdf? Or the last
> pages in the service
> manual think its 117 onwards.
>
> I have the original manuals one with English and one
> with other languages
> but I like to have the manuals on my pc as well.
>
> Its just a little thing I do
> I have manuals for different radios and antennas I
> have or used over the
> years if you want me to list them just ask and I
> will.
>
> Any help would be great. That reminds me I need to
> get my other radio the
> TS850 repaired
>
> Will get around to it one of these days. Probably
> shouldn't have bought a
> new radio then I would have sorted or got it sorted.
>
> Stu MM0BSM
>
>

=====

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# 474. Re: [TS-850_450_690] Wonder if any one has

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-18 14:22:34 UTC
From: Stu
Topic: 472  Message: 474

It stopped txing last year in cww ssb contest. If you can mind you gave me a few things to try out but I never got around to try it yet. I had just moved into new house and all the stuff that goes with it.
I took the easy option and bought a new radio in the hope I would get the 850 sorted when I have time. My electronically expertise is none hence the reluctance of trying to repair something I don't know. But I will try what you suggested when I have the courage to do so hihi.

this is what I think I narrowed it down to---------CAR UNIT
x50-3140-00 next to the dds ic`s. In front of ic4 a small can on top of a plastic bottom looks like the culprit and also has some melted plastic at the bottom it is marked 47 16v and I think it is an electrolyte of some sort think it may be C1 the positive side goes to IC8 which is a voltage reg AN78N05 could this cause my problems?

And you gave me this to try which I haven't yet but I hope to soon as I miss the 850 in the shack

look at the IF unit, find the pads for r8v and t8v.
They could be labelled R8 and T8, not sure. They should
switch cleaning from rx to tx mode. If not, I will
tell you what to change. R31 on the RF unit would be
my first choice, it is an RLS35 and they are notorious
for going leaky, which keeps your tx line bias "on"
during receive. This really confuses the radio!

the RLS35 is a cylindrical, smd pin switch diode, very
small, about 1/4" long and 1/16" dia, there are
several on that board. A 1S1587 can be substituted if
you are careful soldering the leads to the board.

Stu MM0BSM

----- Original Message -----
From: "Bill" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, October 18, 2002 3:06 PM
Subject: Re: [TS-850_450_690] Wonder if any one has

> What's wrong with your 850?
>
> b
>
> --- Stu <samalex@...> wrote:
> > Any one got the TS850S manual in pdf? Or the last
> > pages in the service
> > manual think its 117 onwards.

> >
> > I have the original manuals one with English and one
> > with other languages
> > but I like to have the manuals on my pc as well.
> >
> > Its just a little thing I do
> > I have manuals for different radios and antennas I
> > have or used over the
> > years if you want me to list them just ask and I
> > will.
> >
> > Any help would be great. That reminds me I need to
> > get my other radio the
> > TS850 repaired
> >
> > Will get around to it one of these days. Probably
> > shouldn't have bought a
> > new radio then I would have sorted or got it sorted.
> >
> > Stu MM0BSM
> >
> >
>
>
> =====
>
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>
>
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>
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>
>

# 475. Re: [TS-850_450_690] Compilation of postings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-18 14:25:42 UTC
From: Bill
Topic: 471  Message: 475

Thanks Dennis, you are a real help!

bill

--- dmcbohol <stclaire@...> wrote:
> Oct. 18, 2002
>
> Hello group !
>
> I shall be posting on the file section soon my
> compilation of all the
> postings from beginning of this group up to the
> latest. Please
> standby as I still have to run a spelling check on
> it and make a few
> ammendents to include the latest postints.
>
> Thank you
>
> Dennis
>
>

=====

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# 476. Re: Compilation of postings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-18 14:41:25 UTC
From: rsakabu
Topic: 471  Message: 476

--- In TS-850_450_690@y..., "dmcbohol" <stclaire@n...> wrote:
> Oct. 18, 2002
>
> Hello group !
>
> I shall be posting on the file section soon my compilation of all the
> postings from beginning of this group up to the latest. Please
> standby as I still have to run a spelling check on it and make a few
> ammendents to include the latest postints.
>
> Thank you
>
> Dennis

Is this different from simply going to the Yahoo Groups webpage and browsing through all the messages that way? It also can sort messages by thread and you can browse up and down the thread that way. The only downside is that you get the dreadful pop-up, pop-under and banner ads.

# 477. Re: [TS-850_450_690] DRU-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-18 15:55:59 UTC
From: luiz lissoni
Topic: 471  Message: 477

Is it possible to use the DRU-2 in the TS870S ? Tks Luiz --- rsakabu wrote: --- In TS-850_450_690@y..., "dmcbohol" wrote:
> Oct. 18, 2002
>
> Hello group !
>
> I shall be posting on the file section soon my compilation of all the
> postings from beginning of this group up to the latest. Please
> standby as I still have to run a spelling check on it and make a few
> ammendents to include the latest postints.
>
> Thank you
>
> Dennis

Is this different from simply going to the Yahoo Groups webpage and browsing through all the messages that way? It also can sort messages by thread and you can browse up and down the thread that way. The only downside is that you get the dreadful pop-up, pop-under and banner ads.

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(http://rd.yahoo.com/M=212804.2460941.3878106.2273195/D=egroupweb/S=1705063108:HM/A=810327/R=0/*http://geocities.yahoo.com/ps/info?.refer=blrecs)

(http://rd.yahoo.com/M=212804.2460941.3878106.2273195/D=egroupweb/S=1705063108:HM/A=810327/R=1/*http://geocities.yahoo.com/ps/info?.refer=blrecs)

THANKS FOR USING TS-850_450_690@...

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# 478. Re: [TS-850_450_690] DRU-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-18 16:18:03 UTC
From: sefreitas
Topic: 460  Message: 478

No. The DRU-2 is exclusive accessorie for TS-440/450/850/690 series.
For TS-870 you must use DRU-3.

73,
Eduardo - PY2VR

> ---------- Mensagem original ----------
>
> De : luiz lissoni <py2mrd@...>
> Para : TS-850_450_690@yahoogroups.com
> Cc :
> Data : Fri, 18 Oct 2002 08:55:59 -0700 (PDT)
> Assunto : Re: [TS-850_450_690] DRU-2
>
>

# 479. Re: [TS-850_450_690] Wonder if any one has

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-18 16:08:26 UTC
From: Mike Flowers
Topic: 472  Message: 479

Hello Stu,

I have the TS-850S Service Manual in a .pdf file and
can email it to you if you can handle so large a file.

I should upload it to the files section of the group I
suppose ...

It is also available at:

http://hamradio.online.ru/sch_eng.html

73,

Mike, K6MKF

--- Stu <samalex@...> wrote:
> Any one got the TS850S manual in pdf? Or the last
> pages in the service
> manual think its 117 onwards.
>
> I have the original manuals one with English and one
> with other languages
> but I like to have the manuals on my pc as well.
>
> Its just a little thing I do
> I have manuals for different radios and antennas I
> have or used over the
> years if you want me to list them just ask and I
> will.
>
> Any help would be great. That reminds me I need to
> get my other radio the
> TS850 repaired
>
> Will get around to it one of these days. Probably
> shouldn't have bought a
> new radio then I would have sorted or got it sorted.
>
> Stu MM0BSM
>
>

---------------------------------------------------
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# 480. Re: [TS-850_450_690] DRU-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-18 16:32:47 UTC
From: luiz lissoni
Topic: 460  Message: 480

Fala Sergio, esta sumido ! Eu comprei um kit com a placa qe grava??o e a "japonesa" e instalei a ?ltima no TS870, sobrando a DRU-2. Tem muita gente interessada, vou ver se vendo junto com um TS850SAT que tenho l? guardado ent?o. O meu Pr? ainda est? l? num canto, s?zinho na caixa pois n?o h? ning?em interessado e o FT897 j? chegou. Grande m?quina. Abra?os --- sefreitas wrote: No. The DRU-2 is exclusive accessorie for TS-440/450/850/690 series.
For TS-870 you must use DRU-3.

73,
Eduardo - PY2VR

> ---------- Mensagem original ----------
>
> De : luiz lissoni
> Para : TS-850_450_690@yahoogroups.com
> Cc :
> Data : Fri, 18 Oct 2002 08:55:59 -0700 (PDT)
> Assunto : Re: [TS-850_450_690] DRU-2
>
>

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(http://rd.yahoo.com/M=212804.2460941.3878106.2273195/D=egroupweb/S=1705063108:HM/A=810373/R=1/*http://geocities.yahoo.com/ps/info?.refer=blrecs)

THANKS FOR USING TS-850_450_690@...

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# 481. Re: DRU-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-18 21:29:15 UTC
From: rsakabu
Topic: 460  Message: 481

--- In TS-850_450_690@y..., Bill <coorsbill@y...> wrote:
> Does anyone know if there is a TS-870/570 group on
> Yahoo?
>
> bill

http://uk.groups.yahoo.com/group/TS870/

but it's not very active

# 482. Re: DRU-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-18 21:30:52 UTC
From: rsakabu
Topic: 460  Message: 482

--- In TS-850_450_690@y..., Bill <coorsbill@y...> wrote:
> Does anyone know if there is a TS-870/570 group on
> Yahoo?
>
> bill
>

http://groups.yahoo.com/group/Kenwood570/

for the 570, a little more active than the 870 group

# 483. TS-850 vs. IC-765

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-18 22:11:38 UTC
From: dmcbohol
Topic: 483  Message: 483

Oct. 19, 2002

Hello and here is my first question:

The dealer where I got my TS-440 had recently acquired a used Icom IC-765 for another customer. When he did the on-air test, I was impressed by the audio quality and signal strength from my QTH more than 632 kms away (not very far really). I looked at the Yahoo Groups and there is no eGroups for the IC-765 yet. So I would like to ask members here who own both the TS-850 and the IC-765: Which one in your opinion is the better radio both receive, transmit, features & repair history?

Your feedback (both negative and positive) will greatly help me decide which of the 2 will be my second/main rig to compliment the TS-440 I already have. By the way, both radios are NOT easily available here. The dealer will have to locate one from Japan or there in U.S. I cannot afford to buy both radios, so I have to decide which of the 2 to get.

Many thanks to all!

Dennis (stclaire@...)

# 484. Re: [TS-850_450_690] Re: DRU-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-19 13:19:25 UTC
From: Bill
Topic: 460  Message: 484

duh, I belong to KENWOODTS570 group, should have
checked my own list! har

thanks info, I did join the 870 group also.

bill K0ZL

--- rsakabu <rsakabu@...> wrote:
> --- In TS-850_450_690@y..., Bill <coorsbill@y...>
> wrote:
> > Does anyone know if there is a TS-870/570 group on
> > Yahoo?
> >
> > bill
>
>
> http://uk.groups.yahoo.com/group/TS870/
>
> but it's not very active
>
>

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# 485. Re: [TS-850_450_690] TS-850 vs. IC-765

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-19 13:27:36 UTC
From: Bill
Topic: 483  Message: 485

Dennis I would go with the 850, for several reasons

the 765 uses an internal switcher power supply which
is obsolete. If you are good at fixing switcher power
supplies this would not be a problem.

You can use an external PS with the 765 if the
internal supply fails.

The 850 is later generation, and more parts are
available. It is also somewhat smaller which is
important to those of use that are desk-top challenged
these days.

bill
--- dmcbohol <stclaire@...> wrote:
> Oct. 19, 2002
>
> Hello and here is my first question:
>
> The dealer where I got my TS-440 had recently
> acquired a used Icom IC-
> 765 for another customer. When he did the on-air
> test, I was
> impressed by the audio quality and signal strength
> from my QTH more
> than 632 kms away (not very far really). I looked at
> the Yahoo Groups
> and there is no eGroups for the IC-765 yet. So I
> would like to ask
> members here who own both the TS-850 and the IC-765:
> Which one in
> your opinion is the better radio both receive,
> transmit, features &
> repair history?
>
> Your feedback (both negative and positive) will
> greatly help me
> decide which of the 2 will be my second/main rig to
> compliment the TS-
> 440 I already have. By the way, both radios are NOT
> easily available
> here. The dealer will have to locate one from Japan
> or there in U.S.
> I cannot afford to buy both radios, so I have to
> decide which of the

> 2 to get.
>
> Many thanks to all!
>
> Dennis (stclaire@...)
>
>

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# 486. Welcome

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-19 17:09:32 UTC
From: w8krr
Topic: 426  Message: 486

Welcome G0MIT to the 850_450_690 group. Please use the
reply button and tell us a bit about yourself.
Mike

# 487. DR U2 BATT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-19 17:35:59 UTC
From: george
Topic: 487  Message: 487

Has anybody had battery problems with dru2 I have replaced battery
but in went flat in a few days
george

# 488. Re: Welcome

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-19 18:13:58 UTC
From: george
Topic: 426  Message: 488

--- In TS-850_450_690@y..., "w8krr" <w8krr@m...> wrote:
> Welcome G0MIT to the 850_450_690 group. Please use the
> reply button and tell us a bit about yourself.

Hi my name is George I am in Liverpool uk have been licensed for 15 years been of the air for 2 years just getting back into the hobby again George

# 489. Re: [TS-850_450_690] DR U2 BATT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-19 21:30:18 UTC
From: Bill
Topic: 487  Message: 489

Hi George,

Not sure if this was the problem, but on any memory
battery change, it's a good idea to cycle the rig on
then off again to make sure the CPUs go into "sleep"
mode properly. Sometimes when you pull the battery,
it "forgets" that it's supposed to be "off".

Also... make sure you got the battery polarity
correct. This is so dumb to even mention, but I do
because I HAVE PUT 'EM IN BACKWARDS (Mr. Technician,
right?) hi hi

Also.. make sure your solder iron is grounded and YOUR
RIG IS NOT. If both are grounded, when you solder the
+ lead, your iron will ground out the battery and
greatly shorten or eliminate it's life.

One other thing, guys... gals... wear some sort of
safety glasses or goggles when changing batteries. I
have had them pop and spray stuff when heated,
especially the older ones.

73!

Bill
--- george <g.bromfield@...> wrote:
> Has anybody had battery problems with dru2 I have
> replaced battery
> but in went flat in a few days
> george
>
>

=====

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# 490. 450 video?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-20 17:52:21 UTC
From: larry nixon
Topic: 490  Message: 490

hello all

several years back, "the radio doctor" made a video about servicing the TS450. They are no longer available but I'm wondering if:

- anyone has seen one of these and what they thought of it

-is anyone willing to part with their copy.

Larry VE7LFN

---
Post your free ad now! Yahoo! Canada Personals

[Non-text portions of this message have been removed]

# 491. Re: [TS-850_450_690] 450 video?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-21 00:11:11 UTC
From: Jamie WW3S
Topic: 490  Message: 491

I had one for the 430 and it was very basic. The quality was so-so and I guess it was better than nothing but if you were doing anything "major" it would have been of no help at all.
----- Original Message -----
From: "larry nixon" <lfnca@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, October 20, 2002 1:52 PM
Subject: [TS-850_450_690] 450 video?

>
> hello all
>
> several years back, "the radio doctor" made a video about servicing the TS450. They are no longer available but I'm wondering if:
>
> - anyone has seen one of these and what they thought of it
>
> -is anyone willing to part with their copy.
>
> Larry VE7LFN
>
>
>
>
>
>
>
> ---------------------------------
> Post your free ad now! Yahoo! Canada Personals
>
>
> [Non-text portions of this message have been removed]
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 492. Re: DR U2 BATT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-21 17:32:59 UTC
From: rsakabu
Topic: 487  Message: 492

--- In TS-850_450_690@y..., Bill <coorsbill@y...> wrote:
> Hi George,
>
> Not sure if this was the problem, but on any memory
> battery change, it's a good idea to cycle the rig on
> then off again to make sure the CPUs go into "sleep"
> mode properly. Sometimes when you pull the battery,
> it "forgets" that it's supposed to be "off".
>
> 73!
>
> Bill

Funny you should mention this, I just had a memory battery go
dead the same way on a TS-450. I put a new battery in and it seemed
to work fine. Less than a week later, it was dead. Using 3V power
supply and a Fluke DMM in series with the battery input feeds, I
measured no current draw when the rig was powered up (good) and 2 mA
when the rig was turned off (very bad).
At 2 mA, the lithium battery will drain completely in about 6
days which was about how long this new battery lasted. I beleive the
current draw should be closer to 2-3 microamps which would make the
battery last about 10+ years (a much better estimate).

I measured the DC resistance between the battery terminals and
saw 1.38M which calculates to about a 2 uA draw (I know the diode is
in there which can foul things up, but I didn measure anywhere near as
low as 1.5K Ohms. I was thinking it may be one of the two capacitors
between the battery and the RAM chip that went resistive.
In the mean time, I have a pair of AA alkaline batteries in a
holder tie wrapped to the back of the set. That will last at least 2
months before I have to tackle this again, unless I find the cure
sooner. The parts aren't hard to replace or buy, I just want to know
if there is an alternative before I open the rig up again.

So you're saying Bill, that after putting a new memory battery
into the set, cycling the power will let the CPU know it's supposed to
go off? I guess I can try that first with the external power supply
and ammeter to make sure it works.

73
Roy

# 493. Re: [TS-850_450_690] Re: DR U2 BATT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-21 19:34:05 UTC
From: Bill
Topic: 487  Message: 493

Roy this is very interesting and the first that I have
heard of this type of thing.

You may have either a cap as you say(they are large
capacity units and indeed, could go leaky) or a CPU
that won't go to sleep. Would be interesting to know
where that current is going! Sounds like you are up
to the task of finding out.

If you want to try a little surgery, break the trace
going to the VDD pin from the battery, after the caps,
and measure current there.. that will tell you for
sure where it's going. Or, remove all caps
temporarily.

b

--- rsakabu <rsakabu@...> wrote:
> --- In TS-850_450_690@y..., Bill <coorsbill@y...>
> wrote:
> > Hi George,
> >
> > Not sure if this was the problem, but on any
> memory
> > battery change, it's a good idea to cycle the rig
> on
> > then off again to make sure the CPUs go into
> "sleep"
> > mode properly. Sometimes when you pull the
> battery,
> > it "forgets" that it's supposed to be "off".
> >
> > 73!
> >
> > Bill
>
> Funny you should mention this, I just had a
> memory battery go
> dead the same way on a TS-450. I put a new battery
> in and it seemed
> to work fine. Less than a week later, it was dead.
> Using 3V power
> supply and a Fluke DMM in series with the battery
> input feeds, I
> measured no current draw when the rig was powered up
> (good) and 2 mA

> when the rig was turned off (very bad).
> At 2 mA, the lithium battery will drain
> completely in about 6
> days which was about how long this new battery
> lasted. I beleive the
> current draw should be closer to 2-3 microamps which
> would make the
> battery last about 10+ years (a much better
> estimate).
>
> I measured the DC resistance between the
> battery terminals and
> saw 1.38M which calculates to about a 2 uA draw (I
> know the diode is
> in there which can foul things up, but I didn
> measure anywhere near as
> low as 1.5K Ohms. I was thinking it may be one of
> the two capacitors
> between the battery and the RAM chip that went
> resistive.
> In the mean time, I have a pair of AA alkaline
> batteries in a
> holder tie wrapped to the back of the set. That
> will last at least 2
> months before I have to tackle this again, unless I
> find the cure
> sooner. The parts aren't hard to replace or buy, I
> just want to know
> if there is an alternative before I open the rig up
> again.
>
> So you're saying Bill, that after putting a new
> memory battery
> into the set, cycling the power will let the CPU
> know it's supposed to
> go off? I guess I can try that first with the
> external power supply
> and ammeter to make sure it works.
>
> 73
> Roy
>
>

=====

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# 494. Welcome

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-21 19:35:08 UTC
From: w8krr
Topic: 426  Message: 494

Welcome OE1MA to the 850_450_690 group. Please use the
reply button and tell us a bit about yourself.
Mike

# 495. Re: DR U2 BATT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-21 20:56:45 UTC
From: rsakabu
Topic: 487  Message: 495

OK I'll try that after I try your On-Off test while measuring the current. The problem I see with the On-off theory is that there is a blocking diode that prevents the battery from powering anything else on the digital board. So if the power switch is turned off and/or the 12VDC cord is disconnected, the CPU will not be working and cannot be reading/writing to the RAM causing excess current draw.

Oh well, I'll eventually try it out and I will certainly let you know what i discover. There are a lot of cables and harnesses going to that digital board and it takes a bit of room to comfortably spread everything out and finding the room is more of the challange for me <g>. Fortunately, Kenwood laid everything out in the 450 so that there is very little chance of miswiring anything when you put it all back together.

73
Roy

--- In TS-850_450_690@y..., Bill <coorsbill@y...> wrote:
> Roy this is very interesting and the first that I have
> heard of this type of thing.
>
> You may have either a cap as you say(they are large
> capacity units and indeed, could go leaky) or a CPU
> that won't go to sleep. Would be interesting to know
> where that current is going! Sounds like you are up
> to the task of finding out.
>
> If you want to try a little surgery, break the trace
> going to the VDD pin from the battery, after the caps,
> and measure current there.. that will tell you for
> sure where it's going. Or, remove all caps
> temporarily.
>
> b

# 496. Re: [TS-850_450_690] Re: DR U2 BATT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-21 22:42:06 UTC
From: Bill
Topic: 487  Message: 496

The CPU is not off, it's asleep when the power is off.
Or it's supposed to be.
b

--- rsakabu <rsakabu@...> wrote:
> OK I'll try that after I try your On-Off test while
> measuring the
> current. The problem I see with the On-off theory
> is that there is a
> blocking diode that prevents the battery from
> powering anything else
> on the digital board. So if the power switch is
> turned off and/or the
> 12VDC cord is disconnected, the CPU will not be
> working and cannot be
> reading/writing to the RAM causing excess current
> draw.
>
> Oh well, I'll eventually try it out and I will
> certainly let you know
> what i discover. There are a lot of cables and
> harnesses going to
> that digital board and it takes a bit of room to
> comfortably spread
> everything out and finding the room is more of the
> challange for me
> <g>. Fortunately, Kenwood laid everything out in
> the 450 so that
> there is very little chance of miswiring anything
> when you put it all
> back together.
>
> 73
> Roy
>
>
> --- In TS-850_450_690@y..., Bill <coorsbill@y...>
> wrote:
> > Roy this is very interesting and the first that I
> have
> > heard of this type of thing.
> >
> > You may have either a cap as you say(they are
> large
> > capacity units and indeed, could go leaky) or a

> CPU
> > that won't go to sleep. Would be interesting to
> know
> > where that current is going! Sounds like you are
> up
> > to the task of finding out.
> >
> > If you want to try a little surgery, break the
> trace
> > going to the VDD pin from the battery, after the
> caps,
> > and measure current there.. that will tell you for
> > sure where it's going. Or, remove all caps
> > temporarily.
> >
> > b
>
>
>

=====

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# 497. service manual MFJ-259

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-22 00:56:04 UTC
From: Federico Batarse_Prodigy
Topic: 497  Message: 497

hi everybody, just to ask if somebody have the service manual for the mfj-259 , to fix mine and make some adjustments on my atas-100

kind regards.

soon i will post my mobile instalation on my Chevrolet suburban 1992

Federico Batarse

PLEASE VISIT THIS SITE:

http://www.vk.com.mx

[Non-text portions of this message have been removed]

# 498. OT: Kenwood TU-79 Tone Board

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-22 17:53:31 UTC
From: smatda
Topic: 498  Message: 498

I'm a 450 owner and this is off topic, but since the board is populated by fellow Kenwood owners: does anyone have the documentation for the TU-79 tone board used in the TR7950? I have a '7950 that I bought off eBay with the TU-79 in place, but have no clue as to how it's currently set up.

Thanks!
Steve, KE4MOB
ke4mob@...

# 499. Hellow

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-22 19:14:10 UTC
From: george
Topic: 499  Message: 499

When I go in to the extra setting to make radio read HELLO it will only do it the first time I switch it on after that it goes back to not showing hello as anyone any ideas
George

# 500. Re: [TS-850_450_690] OT: Kenwood TU-79 Tone Board

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-22 23:15:15 UTC
From: Bill
Topic: 498  Message: 500

give me a day or two and I will try to answer this,
unless someone else on the board is quicker. and no,
it's not off topic really.

you may also wish to check out amateur-repairs group
on Yahoo, it's a little more broad-based. but your
post here is fine too.

bill
k0zl
list owner

--- smatda <smatda@...> wrote:
> I'm a 450 owner and this is off topic, but since the
> board is
> populated by fellow Kenwood owners: does anyone have
> the
> documentation for the TU-79 tone board used in the
> TR7950? I have
> a '7950 that I bought off eBay with the TU-79 in
> place, but have no
> clue as to how it's currently set up.
>
> Thanks!
> Steve, KE4MOB
> ke4mob@...
>
>
>
>

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# 501. Re: [TS-850_450_690] Hellow

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-22 23:16:43 UTC
From: Bill
Topic: 499  Message: 501

George, are you that lonely? hehe

73

bill

--- george <g.bromfield@...> wrote:
> When I go in to the extra setting to make radio read
> HELLO it will
> only do it the first time I switch it on after that
> it goes back to
> not showing hello as anyone any ideas
> George
>
>

=====

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# 502. TS-850 Technical notes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-23 06:43:07 UTC
From: dmcbohol
Topic: 502  Message: 502

Oct. 23, 2002

Hello group !

I finally posted the first edition of the compilation for postings done for our group. You can find it in the files section. I forgot to check "send a message to the group..." so I have to anounce this "manually". I never got the chance to run a spelling check since my MS Word is not properly running - it will stop checking spelling after only a few sentence. I shall have to reinstall it again.

I shall periodically update it as we progress. I hope you'll find it informative. Any comments, both negative and positive is much welcome so I know where to improve this note/guide.

Dennis Ls. M. Cruz (stclaire@...)
the Philippines

# 503. Re: [TS-850_450_690] TS-850 Technical notes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-23 14:07:54 UTC
From: Bill
Topic: 502  Message: 503

Thanks Dennis!

b

--- dmcbohol <stclaire@...> wrote:
> Oct. 23, 2002
>
> Hello group !
>
> I finally posted the first edition of the
> compilation for postings
> done for our group. You can find it in the files
> section. I forgot to
> check "send a message to the group..." so I have to
> anounce
> this "manually". I never got the chance to run a
> spelling check since
> my MS Word is not properly running - it will stop
> checking spelling
> after only a few sentence. I shall have to reinstall
> it again.
>
> I shall periodically update it as we progress. I
> hope you'll find it
> informative. Any comments, both negative and
> positive is much welcome
> so I know where to improve this note/guide.
>
> Dennis Ls. M. Cruz (stclaire@...)
> the Philippines
>
>

=====

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# 504. Source for DC Power Cable

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-24 00:20:30 UTC
From: Mike Flowers
Topic: 504  Message: 504

Hi Gang!

It's time to replace the DC Power Cable on my trusty
TS-850S/AT.

Can anyone recommend a good, reliable source for this?

Thanks and 73,

Mike, K6MKF

---
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# 505. Kenwood HF rig with 6m and 2m

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-24 11:47:35 UTC
From: dmcbohol
Topic: 505  Message: 505

Oct. 23, 2002

Hi,

Does Kenwood have an HF rig which has 6m and 2m on it too (like IC-746 or IC-706)?

I've been doing some research and it seems only ICOM and Yaesu has this model.

Thanks

Dennis (stclaire@...)

# 506. Re: Kenwood HF rig with 6m and 2m

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-24 13:01:29 UTC
From: Max
Topic: 505  Message: 506

--- In TS-850_450_690@y..., "dmcbohol" <stclaire@n...> wrote:
> Oct. 23, 2002
>
> Hi,
>
> Does Kenwood have an HF rig which has 6m and 2m on it too (like IC-
> 746 or IC-706)?
>
> I've been doing some research and it seems only ICOM and Yaesu has
> this model.
>
> Thanks
>
> Dennis (stclaire@n...)

Look at the TS2000

# 507. Re: [TS-850_450_690] Source for DC Power Cable

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-24 13:36:14 UTC
From: Bill
Topic: 504  Message: 507

Mike, you can use the OPC24 (?) from Icom, or the kenwood cord. I like the Icom cord the best, it's a little heavier I think. Also the new Yaesu cord works with Kenwood... Believe it or not, they finally standardized!

It really doesn't pay to build your own, the opc24 is about 27 bux but has heavy duty everthing.

Spray a little cleaner in the radio connector; these get a little oxidized and they will over heat on rtty/am/fm modes sometimes.

b

--- Mike Flowers <mflowers99@...> wrote:
> Hi Gang!
>
> It's time to replace the DC Power Cable on my trusty
> TS-850S/AT.
>
> Can anyone recommend a good, reliable source for
> this?
>
> Thanks and 73,
>
> Mike, K6MKF
>
>
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# 508. Re: Kenwood HF rig with 6m and 2m

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-26 05:26:11 UTC
From: vo1gw_2002
Topic: 505  Message: 508

Hi:

I checked and I think the The Kenwood TS-2000 is an HF/6m/2m/70cm all mode transceiver. Hope this is of some use.

73, George.

--- In TS-850_450_690@y..., "dmcbohol" <stclaire@n...> wrote:
> Oct. 23, 2002
>
> Hi,
>
> Does Kenwood have an HF rig which has 6m and 2m on it too (like IC-
> 746 or IC-706)?
>
> I've been doing some research and it seems only ICOM and Yaesu has
> this model.
>
> Thanks
>
> Dennis (stclaire@n...)

# 509. VHF-UHF rig recomendation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-26 13:04:18 UTC
From: dmcbohol
Topic: 509  Message: 509

Oct. 26, 2002

Hi again !

Is there anything less sofisticated than the TS2000? Actually, what I should be saying is, will I be much better (& cheaper) buying a separate VHF/UHF transceiver rig than getting an all-in-one radio like the IC-746, 706, TS2000, FT100, etc? If so, can someone in the group recommend me a good (used/2nd hand) and reliable VHF & UHF transceiver rig, be it Kenwood, Icom or Yaesu. I'm trying to avoid new/latest models because I might have a hard time getting it repaired here if it breaks down.

This is a bit off topic so my apologies. Thanks in advance.

Dennis Ls. M. Cruz (stclaire@...)
the Philippines

# 510. Re: VHF-UHF rig recomendation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-26 17:02:18 UTC
From: Max
Topic: 509  Message: 510

If so, can someone in the
group recommend me a good (used/2nd hand) and reliable VHF & UHF
transceiver rig, be it Kenwood, Icom or Yaesu. I'm trying to avoid
new/latest models because I might have a hard time getting it
repaired here if it breaks down.

This is a bit off topic so my apologies. Thanks in advance.

Dennis Ls. M. Cruz (stclaire@n...)
the Philippines

Dennis,

If you don't mind separate rigs, the Kenwood TS711/811 combo is a
very good sounding radio.

Max

# 511. Re: [TS-850_450_690] VHF-UHF rig recomendation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-28 17:02:45 UTC
From: Bill
Topic: 509  Message: 511

Dennis, here are my opinions for what they are worth.

Get an "all in one" radio if you are "space challenged", as many of us are. One box is a lot easier to "sell" to the XYL than two or three and all the attendant wiring.

In my experience, the TS-2000 will not need service any more (or less) than the other radios that you mention.

On the down side, if one part of the radio quits, you have to basically send in your entire station to get it fixed! But hopefully with the proper care and a GOOD line filter, that won't happen very often.

I think the newer radios AS A RULE are more reliable than the older ones, except where static susceptibility is concerned. I tend to see more SMD devices damaged by static discharge, than the older discrete components in the older rigs. Exceptions would be the TS-440S and the FT-757 (all models), which are lightning attractors and fail frequently with nearby thunder-hits.

I have dealt with the IC-706 and the FT-100, and my money would be on the FT-100 simply because of serviceability issues. I won't work on the IC-706, it's too hard to get to all the modules for t'shooting.

There are many of both kinds 'on the road' and the owners universally love them.

If you have a choice, buy the rig that has the closest factory service shop, unless you or someone else would like to become the technical "guru" in your area.

Dennis you sound like you could become that guru, and thus solve the "no service facilities here" problem, plus make enough money to support your hobby.

73!

bill
--- dmcbohol <stclaire@...> wrote:
> Oct. 26, 2002

>
> Hi again !
>
> Is there anything less sofisticated than the TS2000?
> Actually, what I
> should be saying is, will I be much better (&
> cheaper) buying a
> separate VHF/UHF transceiver rig than getting an
> all-in-one radio
> like the IC-746, 706, TS2000, FT100, etc? If so, can
> someone in the
> group recommend me a good (used/2nd hand) and
> reliable VHF & UHF
> transceiver rig, be it Kenwood, Icom or Yaesu. I'm
> trying to avoid
> new/latest models because I might have a hard time
> getting it
> repaired here if it breaks down.
>
> This is a bit off topic so my apologies. Thanks in
> advance.
>
> Dennis Ls. M. Cruz (stclaire@...)
> the Philippines
>
>

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# 512. IF-232C

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-28 17:38:51 UTC
From: DAVE ...M0BZK
Topic: 512  Message: 512

Hi all, has anybody got a copy of the if-232c manual that they can email me. I am trying to build a interface but am having problems getting it to work.
thanks in advance
Dave M0BZK
m0bzk@...

# 513. ts850 No Output, burning smell....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-29 18:30:55 UTC
From: pmerx424
Topic: 513  Message: 513

Hello Om,

My ts850 went silent key, in the middle of the cwqww contest last
weekend.
I had no output, and a nasty smell came in my shack...
After some inspections I saw that the final transistors were ok.
This evening I found that transistor Q152 on the TRX X59-3680-00
board burned out.

- Does any has experiences with this?
- How can this happen, while I feel myself not guilty doing something
wrong.
- Is it possible to swapped this transistor or do I have to swapped
this tiny PCB at all.
And swapping this transitor is this the solution ?
It's a small board what is soldered vertically on the IF Unit.
Looks to me it is not easy.
Please help me out,
73s Peter PA3FNE

# 514. Re: [TS-850_450_690] ts850 No Output, burning smell....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-29 18:45:43 UTC
From: Bill
Topic: 513  Message: 514

You should be able to change this out without removing
the auxilliary board, I think it is on the SS line to
make the rig transmit. I will look at the SvcMan
tonight to see what you are dealing with.

It's nothing you did most likely, maybe a spike off
the t/r line from the amplifier?

bill

--- pmerx424 <pmerx002@...> wrote:
> Hello Om,
>
>
> My ts850 went silent key, in the middle of the cwqww
> contest last
> weekend.
> I had no output, and a nasty smell came in my
> shack...
> After some inspections I saw that the final
> transistors were ok.
> This evening I found that transistor Q152 on the TRX
> X59-3680-00
> board burned out.
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> - Does any has experiences with this?
> - How can this happen, while I feel myself not
> guilty doing something
> wrong.
> - Is it possible to swapped this transistor or do I
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> this tiny PCB at all.
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> It's a small board what is soldered vertically on
> the IF Unit.
> Looks to me it is not easy.
> Please help me out,
> 73s Peter PA3FNE
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# 515. Welcome New Member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-10-29 19:06:45 UTC
From: w8krr
Topic: 515  Message: 515

Welcome GI4SJQ to the 850_450_690 group. Please use the
reply button and tell us a bit about yourself.
Mike

# 516. rs232 output

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-01 13:19:51 UTC
From: DAVE ...M0BZK
Topic: 516  Message: 516

Hi all I hope somebody can advice me with a problem I have. I have built a rs232 interface for my ts850sat and had it working, on the bench, both ways. I then fitted it in to a box, checking the wireing as I went along when I turned it on the programme [n1mm logger] connected with the radio and showed the correct info and that was all i could get no more control or info between the two. ON testing it seems I can see the computer output but i am not getting anything from the radio, all I get is a +5v signal on the tdx line but no signal
Thanks Dave M0BZK

# 517. Re: [TS-850_450_690] rs232 output

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-01 16:26:55 UTC
From: Bill
Topic: 516  Message: 517

Dave, sounds like a "static kill" on one of the chips.

b

--- "DAVE ...M0BZK" <bletchleynet@...> wrote:
> Hi all I hope somebody can advice me with a problem
> I have. I have
> built a rs232 interface for my ts850sat and had it
> working, on the
> bench, both ways. I then fitted it in to a box,
> checking the wireing
> as I went along when I turned it on the programme
> [n1mm logger]
> connected with the radio and showed the correct info
> and that was all
> i could get no more control or info between the two.
> ON testing it
> seems I can see the computer output but i am not
> getting anything
> from the radio, all I get is a +5v signal on the tdx
> line but no
> signal
> Thanks Dave M0BZK
>
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# 518. Re: ts850 No Output, burning smell....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-01 20:33:48 UTC
From: pmerx424
Topic: 513  Message: 518

Hello Bill,
I had to built out the IF-unit board, and I'am sure that the Q152 is
the smoking bandit.
I will let you know, when the unit is fixed.
First I have to order the transistor, and secondly build the TS850
together.
But this will take some time, while I have travel to France coming
weeks.
73s Peter

--- In TS-850_450_690@y..., Bill <coorsbill@y...> wrote:
> You should be able to change this out without removing
> the auxilliary board, I think it is on the SS line to
> make the rig transmit. I will look at the SvcMan
> tonight to see what you are dealing with.
>
> It's nothing you did most likely, maybe a spike off
> the t/r line from the amplifier?
>
> bill
>
>
> --- pmerx424 <pmerx002@f...> wrote:
> > Hello Om,
> >
> >
> > My ts850 went silent key, in the middle of the cwqww
> > contest last
> > weekend.
> > I had no output, and a nasty smell came in my
> > shack...
> > After some inspections I saw that the final
> > transistors were ok.
> > This evening I found that transistor Q152 on the TRX
> > X59-3680-00
> > board burned out.
> >
> > - Does any has experiences with this?
> > - How can this happen, while I feel myself not
> > guilty doing something
> > wrong.
> > - Is it possible to swapped this transistor or do I
> > have to swapped
> > this tiny PCB at all.
> > And swapping this transitor is this the solution ?

> > It's a small board what is soldered vertically on
> > the IF Unit.
> > Looks to me it is not easy.
> > Please help me out,
> > 73s Peter PA3FNE
> >
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# 519. Re: [TS-850_450_690] rs232 output

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-01 21:00:30 UTC
From: Jim ve3mij
Topic: 516  Message: 519

The MFJ-5383K is only $49 if you're not sure about the interface you built.

I built one that's a Max232 and optocouplers and bought one from MFJ. (The Kenwood price was absolutely insane for what's inside it.) They both work and I'm not sure the time invested in building one was worth the 10-20 bucks saved. Unless you did it for fun, then that's completely different!

Check obvious things like ground and supply conflicts. The Kenwood interface is designed with optocouplers (opto-isolators, whichever turns your crank) that completely isolate your PC electrically from the rig. If you did a design like this, take a look to see if you created a supply or ground connection that is unnecessary or undesirable when you boxed it.

Don't know if this helps, but just a thought...

VE3MIJ JIM
----- Original Message -----
From: "DAVE ...M0BZK" <bletchleynet@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, November 01, 2002 8:19 AM
Subject: [TS-850_450_690] rs232 output

> Hi all I hope somebody can advice me with a problem I have. I have
> built a rs232 interface for my ts850sat and had it working, on the
> bench, both ways. I then fitted it in to a box, checking the wireing
> as I went along when I turned it on the programme [n1mm logger]
> connected with the radio and showed the correct info and that was all
> i could get no more control or info between the two. ON testing it
> seems I can see the computer output but i am not getting anything
> from the radio, all I get is a +5v signal on the tdx line but no
> signal
> Thanks Dave M0BZK
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 520. Re: [TS-850_450_690] Re: ts850 No Output, burning smell....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-02 00:53:44 UTC
From: Bill
Topic: 513  Message: 520

That is a 2SA1204(y) on the TRX unit supplying TXB to
the rest of the rig.

Also check Q3 on the BK SW unit, which I have circled
as a common cause of SS being locked LOW or ON as if
the mic were keyed all the time. It is a DTC124EK
compound transistor and is on the "X59-3880-00" unit.

Good luck Peter!

Bill K0ZL

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--- pmerx424 <pmerx002@...> wrote:
> Hello Bill,
> I had to built out the IF-unit board, and I'am sure
> that the Q152 is
> the smoking bandit.
> I will let you know, when the unit is fixed.
> First I have to order the transistor, and secondly
> build the TS850
> together.
> But this will take some time, while I have travel to
> France coming
> weeks.
> 73s Peter
>
> --- In TS-850_450_690@y..., Bill <coorsbill@y...>
> wrote:
> > You should be able to change this out without
> removing
> > the auxilliary board, I think it is on the SS line
> to
> > make the rig transmit. I will look at the SvcMan
> > tonight to see what you are dealing with.
> >
> > It's nothing you did most likely, maybe a spike
> off
> > the t/r line from the amplifier?
> >
> > bill
> >
> >
> > --- pmerx424 <pmerx002@f...> wrote:
> > > Hello Om,

> > >
> > >
> > > My ts850 went silent key, in the middle of the
> cwqww
> > > contest last
> > > weekend.
> > > I had no output, and a nasty smell came in my
> > > shack...
> > > After some inspections I saw that the final
> > > transistors were ok.
> > > This evening I found that transistor Q152 on the
> TRX
> > > X59-3680-00
> > > board burned out.
> > >
> > > - Does any has experiences with this?
> > > - How can this happen, while I feel myself not
> > > guilty doing something
> > > wrong.
> > > - Is it possible to swapped this transistor or
> do I
> > > have to swapped
> > > this tiny PCB at all.
> > > And swapping this transitor is this the solution
> ?
> > > It's a small board what is soldered vertically
> on
> > > the IF Unit.
> > > Looks to me it is not easy.
> > > Please help me out,
> > > 73s Peter PA3FNE
> > >
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# 521. Re: [TS-850_450_690] Digest Number 149

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-02 16:34:09 UTC
From: Federico Batarse_USA
Topic: 521  Message: 521

remember that the standard for the rs-232 is voltage about +12 volts to -12 volts, then if you conect the radio with out coupling the +-12 volts to the +5volts TTL on the radio , then it could damage any transistor.

my advice , use a chip to interface the ttl +5volt radio signals, to the +-12 volts rs-232 standard

kind regards to everybody
federico
xe2nlm
pd i only have protect my inteface to the ts-850 by resistors and diodes, i know it is better the chip solution.
----- Original Message -----
From: <TS-850_450_690@yahoogroups.com>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, November 02, 2002 7:20 AM
Subject: [TS-850_450_690] Digest Number 149

> THANKS FOR USING TS-850_450_690@...
> ------------------------------------------------------------------------
>
> There are 5 messages in this issue.
>
> Topics in this digest:
>
> 1. rs232 output
> From: "DAVE ...M0BZK" <bletchleynet@...>
> 2. Re: rs232 output
> From: Bill <coorsbill@...>
> 3. Re: ts850 No Output, burning smell....
> From: "pmerx424" <pmerx002@...>
> 4. Re: rs232 output
> From: "Jim ve3mij" <ve3mij@...>
> 5. Re: Re: ts850 No Output, burning smell....
> From: Bill <coorsbill@...>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 1
> Date: Fri, 01 Nov 2002 13:19:51 -0000
> From: "DAVE ...M0BZK" <bletchleynet@...>
> Subject: rs232 output
>
> Hi all I hope somebody can advice me with a problem I have. I have

> built a rs232 interface for my ts850sat and had it working, on the
> bench, both ways. I then fitted it in to a box, checking the wireing
> as I went along when I turned it on the programme [n1mm logger]
> connected with the radio and showed the correct info and that was all
> i could get no more control or info between the two. ON testing it
> seems I can see the computer output but i am not getting anything
> from the radio, all I get is a +5v signal on the tdx line but no
> signal
> Thanks Dave M0BZK
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 2
> Date: Fri, 1 Nov 2002 08:26:55 -0800 (PST)
> From: Bill <coorsbill@...>
> Subject: Re: rs232 output
>
> Dave, sounds like a "static kill" on one of the chips.
>
> b
>
> --- "DAVE ...M0BZK" <bletchleynet@...> wrote:
> > Hi all I hope somebody can advice me with a problem
> > I have. I have
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> > Thanks Dave M0BZK
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> Message: 3
> Date: Fri, 01 Nov 2002 20:33:48 -0000
> From: "pmerx424" <pmerx002@...>
> Subject: Re: ts850 No Output, burning smell....
> 
> Hello Bill,
> I had to built out the IF-unit board, and I'am sure that the Q152 is
> the smoking bandit.
> I will let you know, when the unit is fixed.
> First I have to order the transistor, and secondly build the TS850
> together.
> But this will take some time, while I have travel to France coming
> weeks.
> 73s Peter
> 
> --- In TS-850_450_690@y..., Bill <coorsbill@y...> wrote:
> > You should be able to change this out without removing
> > the auxilliary board, I think it is on the SS line to
> > make the rig transmit. I will look at the SvcMan
> > tonight to see what you are dealing with.
> > 
> > It's nothing you did most likely, maybe a spike off
> > the t/r line from the amplifier?
> > 
> > bill
> > 
> > 
> > --- pmerx424 <pmerx002@f...> wrote:
> > > Hello Om,
> > > 
> > > 
> > > My ts850 went silent key, in the middle of the cwqww
> > > contest last
> > > weekend.
> > > I had no output, and a nasty smell came in my
> > > shack...
> > > After some inspections I saw that the final
> > > transistors were ok.
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> > > X59-3680-00
> > > board burned out.
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> > > - Does any has experiences with this?
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> > > wrong.
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> > > this tiny PCB at all.
> > > And swapping this transitor is this the solution ?
> > > It's a small board what is soldered vertically on
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> > > Looks to me it is not easy.
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> Message: 4
> Date: Fri, 1 Nov 2002 16:00:30 -0500
> From: "Jim ve3mij" <ve3mij@...>
> Subject: Re: rs232 output
>
> The MFJ-5383K is only $49 if you're not sure about the interface you
built.
>
> I built one that's a Max232 and optocouplers and bought one from MFJ. (The
> Kenwood price was absolutely insane for what's inside it.) They both work
> and I'm not sure the time invested in building one was worth the 10-20

bucks
> saved. Unless you did it for fun, then that's completely different!
>
> Check obvious things like ground and supply conflicts. The Kenwood
> interface is designed with optocouplers (opto-isolators, whichever turns
> your crank) that completely isolate your PC electrically from the rig.
If
> you did a design like this, take a look to see if you created a supply or
> ground connection that is unnecessary or undesirable when you boxed it.
>
> Don't know if this helps, but just a thought...
>
> VE3MIJ JIM
> ----- Original Message -----
> From: "DAVE ...M0BZK" <bletchleynet@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Friday, November 01, 2002 8:19 AM
> Subject: [TS-850_450_690] rs232 output
>
>
> > Hi all I hope somebody can advice me with a problem I have. I have
> > built a rs232 interface for my ts850sat and had it working, on the
> > bench, both ways. I then fitted it in to a box, checking the wireing
> > as I went along when I turned it on the programme [n1mm logger]
> > connected with the radio and showed the correct info and that was all
> > i could get no more control or info between the two. ON testing it
> > seems I can see the computer output but i am not getting anything
> > from the radio, all I get is a +5v signal on the tdx line but no
> > signal
> > Thanks Dave M0BZK
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
> >
> >
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 5
> Date: Fri, 1 Nov 2002 16:53:44 -0800 (PST)
> From: Bill <coorsbill@...>
> Subject: Re: Re: ts850 No Output, burning smell....
>
> That is a 2SA1204(y) on the TRX unit supplying TXB to

> the rest of the rig.
>
> Also check Q3 on the BK SW unit, which I have circled
> as a common cause of SS being locked LOW or ON as if
> the mic were keyed all the time. It is a DTC124EK
> compound transistor and is on the "X59-3880-00" unit.
>
> Good luck Peter!
>
> Bill K0ZL
>
> www.amateur-repairs.com
>
> --- pmerx424 <pmerx002@...> wrote:
> > Hello Bill,
> > I had to built out the IF-unit board, and I'am sure
> > that the Q152 is
> > the smoking bandit.
> > I will let you know, when the unit is fixed.
> > First I have to order the transistor, and secondly
> > build the TS850
> > together.
> > But this will take some time, while I have travel to
> > France coming
> > weeks.
> > 73s Peter
> >
> > --- In TS-850_450_690@y..., Bill <coorsbill@y...>
> > wrote:
> > > You should be able to change this out without
> > removing
> > > the auxilliary board, I think it is on the SS line
> > to
> > > make the rig transmit. I will look at the SvcMan
> > > tonight to see what you are dealing with.
> > >
> > > It's nothing you did most likely, maybe a spike
> > off
> > > the t/r line from the amplifier?
> > >
> > > bill
> > >
> > >
> > > --- pmerx424 <pmerx002@f...> wrote:
> > > > Hello Om,
> > > >
> > > >
> > > > My ts850 went silent key, in the middle of the
> > cwqww
> > > > contest last

> > > > weekend.
> > > > I had no output, and a nasty smell came in my
> > > > shack...
> > > > After some inspections I saw that the final
> > > > transistors were ok.
> > > > This evening I found that transistor Q152 on the
> > TRX
> > > > X59-3680-00
> > > > board burned out.
> > > >
> > > > - Does any has experiences with this?
> > > > - How can this happen, while I feel myself not
> > > > guilty doing something
> > > > wrong.
> > > > - Is it possible to swapped this transistor or
> > do I
> > > > have to swapped
> > > > this tiny PCB at all.
> > > > And swapping this transitor is this the solution
> > ?
> > > > It's a small board what is soldered vertically
> > on
> > > > the IF Unit.
> > > > Looks to me it is not easy.
> > > > Please help me out,
> > > > 73s Peter PA3FNE
> > > >
> > > >
> > > >
> > > >
> > > >
> > > >
> > >
> > >
> > > =====
> > >
> > > see our website www.amateur-repairs.com
> > >
> > >
> > > _____
> > > Do you Yahoo!?
> > > HotJobs - Search new jobs daily now
> > > http://hotjobs.yahoo.com/
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> =====
>
> see our website www.amateur-repairs.com

>
>
> ---------------------------------------------------
> Do you Yahoo!?
> HotJobs - Search new jobs daily now
> http://hotjobs.yahoo.com/
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 522. Welcome new member.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-03 14:33:32 UTC
From: Bill Leahy
Topic: 522  Message: 522

Welcome gacuzana to the group!

Intro yourself.

73!

Bill K0ZL
TS-850, QUAD LOOP WIRE ANTENNAS AS A RULE

# 523. Re: IF-232C

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-03 17:39:20 UTC
From: larry nixon
Topic: 512  Message: 523

Hello dave
I might have a manual around here someplace. Let me know if you have found a copy yet or not and I'll have a dig ;)

In the mean time, I believe there was an article in QST from the spring of '97 about building an interface for Kenwoods. You can have also look at http://www.qsl.net/k0bx/ . He has two interfaces on the page.

Hope this helps

Larry VE7LFN

---
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[Non-text portions of this message have been removed]

# 524. if 232c alternatives...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-03 20:05:07 UTC
From: D.Cy Gacuzana
Topic: 524  Message: 524

Hello all, I just joined, don't have the radio but Air1 informs me it'll be sent Monday. I guess I broke down and resisted all the kind eHam reviews of the 570G for brand new and went with a ten year old radio instead, at about the same cost, the 850S. I hope it works as stated, will cross fingers until I get over that bridge.

So my question is if anyone has experience with the LCU3 version, seems worth while, I have seen home brew circuits around but am afraid I'd botch some pin connection and ruin something. Seems the HB circuits included a resistor and zener diode, I wonder if the LCU3 has such protection, wonder if it matters all that much because if the LCU3 does everything the IF232C does, would be great to save some money and not have to worry about some other 12-14V power source.

I wonder what contest software 850 members here favor, and logging programs, as I have no experience with any of it, any info/advice would be much appreciated.

73, Darin.

---
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[Non-text portions of this message have been removed]

# 525. Re: [TS-850_450_690] if 232c alternatives...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-03 21:38:05 UTC
From: Bill
Topic: 524  Message: 525

Hey congratulations! Yo muy encantada con mi '850.

73!

bill

--- "D.Cy Gacuzana" <gacuzana@...> wrote:
>
> Hello all, I just joined, don't have the radio but
> Air1 informs me it'll be sent Monday. I guess I
> broke down and resisted all the kind eHam reviews of
> the 570G for brand new and went with a ten year old
> radio instead, at about the same cost, the 850S. I
> hope it works as stated, will cross fingers until I
> get over that bridge.
>
> So my question is if anyone has experience with the
> LCU3 version, seems worth while, I have seen home
> brew circuits around but am afraid I'd botch some
> pin connection and ruin something. Seems the HB
> circuits included a resistor and zener diode, I
> wonder if the LCU3 has such protection, wonder if it
> matters all that much because if the LCU3 does
> everything the IF232C does, would be great to save
> some money and not have to worry about some other
> 12-14V power source.
>
> I wonder what contest software 850 members here
> favor, and logging programs, as I have no experience
> with any of it, any info/advice would be much
> appreciated.
>
> 73, Darin.
>
>
>
> ---------------------------------
> Do you Yahoo!?
> HotJobs - Search new jobs daily now
>
> [Non-text portions of this message have been
> removed]
>
>

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_____
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# 526. 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-03 22:07:17 UTC
From: Stu
Topic: 526  Message: 526

Hey Bill didnt know you hung around the 1000mp reflector as well

Stu MM0BSM

# 527. Re: [TS-850_450_690] 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-04 13:42:57 UTC
From: Bill
Topic: 526  Message: 527

Just joined! Have been checking out QTH.NET, thinking
about moving my groups over there to get away from
Yahoo.

bill

--- Stu <samalex@...> wrote:
> Hey Bill didnt know you hung around the 1000mp
> reflector as well
>
> Stu MM0BSM
>

=====

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---------------------------------------------------
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# 528. Simple IF-232 alternative

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-04 15:22:55 UTC
From: Paul B. Peters, VE7AVV
Topic: 528  Message: 528

Just a reminder to all that I have posted the N6TR-style IF-232 Kenwood interface in the files / pictures section of this group. The interface requires minimal parts (2 items to be exact), will cost you less than $5.00 to build, takes almost no technical skills to construct and it works great! What more could you want? If you can plug in a soldering iron, you can build this interface -- it's really that easy.

73 de Paul, VE7AVV
StoneyGround Station
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
"All email from this address is checked by Norton AntiVirus 2002"

# 529. Re: [TS-850_450_690] Digest Number 151

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-04 16:15:49 UTC
From: D.Cy Gacuzana
Topic: 529  Message: 529

Thanks Bill, My name is Darin Gacuzana, W3DCG, live in Atlanta, call is vain, original 4th area call was KG4PYM issued in November 2001, so I changed it after disappointing several people who thought they were reaching Guantanamo Bay. So I may qualify for "newbie" status; although I was a Novice from 1979, upgraded to General two years later maybe, I was a kid, and left ham radio completely in 1982 sometime during sophomore year in High School. That is the gist, Tah Tah For Now, 73.

THANKS FOR USING TS-850_450_690@...
---

There are 5 messages in this issue.

Topics in this digest:

1. Welcome new member.
From: "Bill Leahy"
2. Re: IF-232C
From: larry nixon
3. if 232c alternatives...
From: "D.Cy Gacuzana"
4. Re: if 232c alternatives...
From: Bill
5. 850
From: "Stu"

---
---

Message: 1
Date: Sun, 03 Nov 2002 14:33:32 -0000
From: "Bill Leahy"
Subject: Welcome new member.

Welcome gacuzana to the group!

Intro yourself.

73!

Bill K0ZL
TS-850, QUAD LOOP WIRE ANTENNAS AS A RULE

---
---

Message: 2
Date: Sun, 3 Nov 2002 12:39:20 -0500 (EST)
From: larry nixon

Subject: Re: IF-232C

Hello dave
I might have a manual around here someplace. Let me know if you have found a copy yet or not and I'll have a dig ;)

In the mean time, I believe there was an article in QST from the spring of '97 about building an interface for Kenwoods. You can have also look at http://www.qsl.net/k0bx/ . He has two interfaces on the page.

Hope this helps

Larry VE7LFN

---
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[Non-text portions of this message have been removed]

---
---

Message: 3
Date: Sun, 3 Nov 2002 12:05:07 -0800 (PST)
From: "D.Cy Gacuzana"
Subject: if 232c alternatives...

Hello all, I just joined, don't have the radio but Air1 informs me it'll be sent Monday. I guess I broke down and resisted all the kind eHam reviews of the 570G for brand new and went with a ten year old radio instead, at about the same cost, the 850S. I hope it works as stated, will cross fingers until I get over that bridge.

So my question is if anyone has experience with the LCU3 version, seems worth while, I have seen home brew circuits around but am afraid I'd botch some pin connection and ruin something. Seems the HB circuits included a resistor and zener diode, I wonder if the LCU3 has such protection, wonder if it matters all that much because if the LCU3 does everything the IF232C does, would be great to save some money and not have to worry about some other 12-14V power source.

I wonder what contest software 850 members here favor, and logging programs, as I have no experience with any of it, any info/advice would be much appreciated.

73, Darin.

---
Do you Yahoo!?
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[Non-text portions of this message have been removed]

---
---

Message: 4
Date: Sun, 3 Nov 2002 13:38:05 -0800 (PST)
From: Bill
Subject: Re: if 232c alternatives...

Hey congratulations! Yo muy encantada con mi '850.

73!

bill

--- "D.Cy Gacuzana" wrote:
>
> Hello all, I just joined, don't have the radio but
> Air1 informs me it'll be sent Monday. I guess I
> broke down and resisted all the kind eHam reviews of
> the 570G for brand new and went with a ten year old
> radio instead, at about the same cost, the 850S. I
> hope it works as stated, will cross fingers until I
> get over that bridge.
>
> So my question is if anyone has experience with the
> LCU3 version, seems worth while, I have seen home
> brew circuits around but am afraid I'd botch some
> pin connection and ruin something. Seems the HB
> circuits included a resistor and zener diode, I
> wonder if the LCU3 has such protection, wonder if it
> matters all that much because if the LCU3 does
> everything the IF232C does, would be great to save
> some money and not have to worry about some other
> 12-14V power source.
>
> I wonder what contest software 850 members here
> favor, and logging programs, as I have no experience
> with any of it, any info/advice would be much
> appreciated.
>
> 73, Darin.
>
>
>
> ---------------------------------
> Do you Yahoo!?
> HotJobs - Search new jobs daily now
>
> [Non-text portions of this message have been
> removed]
>
>

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---
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http://hotjobs.yahoo.com/

---
---

Message: 5
Date: Sun, 3 Nov 2002 22:07:17 -0000
From: "Stu"
Subject: 850

Hey Bill didnt know you hung around the 1000mp reflector as well

Stu MM0BSM

---
---

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

---
Do you Yahoo!?
HotJobs - Search new jobs daily now

[Non-text portions of this message have been removed]

# 530. Re: [TS-850_450_690] Digest Number 151

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-04 19:07:14 UTC
From: Bill
Topic: 529  Message: 530

OK Darin, welcome aboard. Main thing is, we are
active and we stay active!

Got my call in 1978 during first vanity call program,
which was for extras only at that time. K0ZL was my
first choice. I like the "ZL" on CW, seems to get
heard right the first time in contests, as long as I
can send it half way straight! har...

73

bill

--- "D.Cy Gacuzana" <gacuzana@...> wrote:
>
> Thanks Bill, My name is Darin Gacuzana, W3DCG, live
> in Atlanta, call is vain, original 4th area call was
> KG4PYM issued in November 2001, so I changed it
> after disappointing several people who thought they
> were reaching Guantanamo Bay. So I may qualify for
> "newbie" status; although I was a Novice from 1979,
> upgraded to General two years later maybe, I was a
> kid, and left ham radio completely in 1982 sometime
> during sophomore year in High School. That is the
> gist, Tah Tah For Now, 73.
>
> THANKS FOR USING TS-850_450_690@...
>
---
>
> There are 5 messages in this issue.
>
> Topics in this digest:
>
> 1. Welcome new member.
> From: "Bill Leahy"
> 2. Re: IF-232C
> From: larry nixon
> 3. if 232c alternatives...
> From: "D.Cy Gacuzana"
> 4. Re: if 232c alternatives...
> From: Bill
> 5. 850
> From: "Stu"
>
>

>
---
>
---
>
> Message: 1
> Date: Sun, 03 Nov 2002 14:33:32 -0000
> From: "Bill Leahy"
> Subject: Welcome new member.
>
> Welcome gacuzana to the group!
>
> Intro yourself.
>
> 73!
>
> Bill K0ZL
> TS-850, QUAD LOOP WIRE ANTENNAS AS A RULE
>
>
>
>
---
>
---
>
> Message: 2
> Date: Sun, 3 Nov 2002 12:39:20 -0500 (EST)
> From: larry nixon
> Subject: Re: IF-232C
>
>
> Hello dave
> I might have a manual around here someplace. Let me
> know if you have found a copy yet or not and I'll
> have a dig ;)
>
> In the mean time, I believe there was an article in
> QST from the spring of '97 about building an
> interface for Kenwoods. You can have also look at
> http://www.qsl.net/k0bx/ . He has two interfaces on
> the page.
>
> Hope this helps
>
> Larry VE7LFN
>
>
>
>

> ---------------------------------
> Post your free ad now! Yahoo! Canada Personals
>
>
> [Non-text portions of this message have been
> removed]
>
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>

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>

---

>
> Message: 3
> Date: Sun, 3 Nov 2002 12:05:07 -0800 (PST)
> From: "D.Cy Gacuzana"
> Subject: if 232c alternatives...
>
>
> Hello all, I just joined, don't have the radio but
> Air1 informs me it'll be sent Monday. I guess I
> broke down and resisted all the kind eHam reviews of
> the 570G for brand new and went with a ten year old
> radio instead, at about the same cost, the 850S. I
> hope it works as stated, will cross fingers until I
> get over that bridge.
>
> So my question is if anyone has experience with the
> LCU3 version, seems worth while, I have seen home
> brew circuits around but am afraid I'd botch some
> pin connection and ruin something. Seems the HB
> circuits included a resistor and zener diode, I
> wonder if the LCU3 has such protection, wonder if it
> matters all that much because if the LCU3 does
> everything the IF232C does, would be great to save
> some money and not have to worry about some other
> 12-14V power source.
>
> I wonder what contest software 850 members here
> favor, and logging programs, as I have no experience
> with any of it, any info/advice would be much
> appreciated.
>
> 73, Darin.
>
>
>
> ---------------------------------
> Do you Yahoo!?

> HotJobs - Search new jobs daily now
>
> [Non-text portions of this message have been
> removed]
>
>
>
>

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>

---

>
> Message: 4
> Date: Sun, 3 Nov 2002 13:38:05 -0800 (PST)
> From: Bill
> Subject: Re: if 232c alternatives...
>
> Hey congratulations! Yo muy encantada con mi '850.
>
> 73!
>
> bill
>
> --- "D.Cy Gacuzana" wrote:
> >
> > Hello all, I just joined, don't have the radio but
> > Air1 informs me it'll be sent Monday. I guess I
> > broke down and resisted all the kind eHam reviews
> of
> > the 570G for brand new and went with a ten year
> old
> > radio instead, at about the same cost, the 850S. I
> > hope it works as stated, will cross fingers until
> I
> > get over that bridge.
> >
> > So my question is if anyone has experience with
> the
> > LCU3 version, seems worth while, I have seen home
> > brew circuits around but am afraid I'd botch some
> > pin connection and ruin something. Seems the HB
> > circuits included a resistor and zener diode, I
> > wonder if the LCU3 has such protection, wonder if
> it
> > matters all that much because if the LCU3 does
> > everything the IF232C does, would be great to save
> > some money and not have to worry about some other
> > 12-14V power source.
> >
> > I wonder what contest software 850 members here

> > favor, and logging programs, as I have no
> experience
> > with any of it, any info/advice would be much
> > appreciated.
> >
> > 73, Darin.
> >
> >
> >
> > ---------------------------------
> > Do you Yahoo!?
> > HotJobs - Search new jobs daily now
> >
> > [Non-text portions of this message have been
> > removed]
> >
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>
> =====
>
> see our website www.amateur-repairs.com
>
>
> _________________________________________________
> Do you Yahoo!?
> HotJobs - Search new jobs daily now
> http://hotjobs.yahoo.com/
>
=== message truncated ===

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http://hotjobs.yahoo.com/

# 531. rs 232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-04 21:57:10 UTC
From: DAVE ...M0BZK
Topic: 531  Message: 531

thanks all for the advice re my interface. I now have a copy of the kenwood interface manaul. I have to get 2 new chips and try again but my fear is that some how I have damaged the o/p from the 850. If I put the scope on the o/p line all I seem to get is one burst of data then nothing. Does the computer have to poll the radio to get a o/p or should the radio send out data all the time.
Dave M0BZK

# 532. Re: [TS-850_450_690] rs 232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-04 22:41:53 UTC
From: Jim ve3mij
Topic: 531  Message: 532

Going from rusty memory...

The rig sends out the information string "IFxxxxx...xxxxxxx ;" when "AI"
auto information, is turned on. Take a look at the list in your command
manual if you want detail. If you change the frequency on the front panel
and it spits out the string sometime shortly after (within the second), then
this is probably turned on.
"IF" only sends, when there's something that's changed. Otherwise, you have
to ask the rig to report info.

----- Original Message -----
From: "DAVE ...M0BZK" <bletchleynet@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, November 04, 2002 4:57 PM
Subject: [TS-850_450_690] rs 232 interface

> thanks all for the advice re my interface. I now have a copy of the
> kenwood interface manaul. I have to get 2 new chips and try again but
> my fear is that some how I have damaged the o/p from the 850. If I
> put the scope on the o/p line all I seem to get is one burst of data
> then nothing. Does the computer have to poll the radio to get a o/p
> or should the radio send out data all the time.
> Dave M0BZK
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 533. Re: [TS-850_450_690] rs 232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-05 00:11:27 UTC
From: WW3S
Topic: 531  Message: 533

Is the manual in electronic format? If so could you forward it?

----- Original Message -----
From: DAVE ...M0BZK <bletchleynet@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, November 04, 2002 4:57 PM
Subject: [TS-850_450_690] rs 232 interface

> thanks all for the advice re my interface. I now have a copy of the
> kenwood interface manaul. I have to get 2 new chips and try again but
> my fear is that some how I have damaged the o/p from the 850. If I
> put the scope on the o/p line all I seem to get is one burst of data
> then nothing. Does the computer have to poll the radio to get a o/p
> or should the radio send out data all the time.
> Dave M0BZK
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 534. Welcome New Member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-05 04:18:24 UTC
From: w8krr
Topic: 515  Message: 534

Welcome WA4MQQ to the 850_450_690 group. Please use the
reply button and tell us a bit about yourself.
Mike

# 535. Re: rs 232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-05 12:43:29 UTC
From: DAVE ...M0BZK
Topic: 531  Message: 535

hi the manual is in pdf file if you send me you email address i will
send... yahoo cuts off the email address

dave M0BZK

--- In TS-850_450_690@y..., "WW3S" <ww3s@z...> wrote:
> Is the manual in electronic format? If so could you forward it?
>
> ----- Original Message -----
> From: DAVE ...M0BZK <bletchleynet@y...>
> To: <TS-850_450_690@y...>
> Sent: Monday, November 04, 2002 4:57 PM
> Subject: [TS-850_450_690] rs 232 interface
>
>
> > thanks all for the advice re my interface. I now have a copy of
the
> > kenwood interface manaul. I have to get 2 new chips and try again
but
> > my fear is that some how I have damaged the o/p from the 850. If I
> > put the scope on the o/p line all I seem to get is one burst of
data
> > then nothing. Does the computer have to poll the radio to get a
o/p
> > or should the radio send out data all the time.
> > Dave M0BZK
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@Y...
> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
> >
> >
> >

# 536. RE: [TS-850_450_690] Re: rs 232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-05 15:07:49 UTC
From: ww3s@zoominternet.net
Topic: 531  Message: 536

ww3s@...

hi the manual is in pdf file if you send me you email address i will
send... yahoo cuts off the email address

dave M0BZK

--- In TS-850_450_690@y..., "WW3S" <ww3s@z...> wrote:
> Is the manual in electronic format? If so could you forward it?
>
> ----- Original Message -----
> From: DAVE ...M0BZK <bletchleynet@y...>
> To: <TS-850_450_690@y...>
> Sent: Monday, November 04, 2002 4:57 PM
> Subject: [TS-850_450_690] rs 232 interface
>
>
> > thanks all for the advice re my interface. I now have a copy of
the
> > kenwood interface manaul. I have to get 2 new chips and try again
but
> > my fear is that some how I have damaged the o/p from the 850. If I
> > put the scope on the o/p line all I seem to get is one burst of
data
> > then nothing. Does the computer have to poll the radio to get a
o/p
> > or should the radio send out data all the time.
> > Dave M0BZK
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@Y...
> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
> >
> >
> >

THANKS FOR USING TS-850_450_690@...

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 537. IF 232 alternatives/ts 850 resources, tnx for K0BX link :) !

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-06 18:47:31 UTC
From: D.Cy Gacuzana
Topic: 537  Message: 537

Larry, tnx for posting the link to K0BX- that sight has answers to questions i did not even know I had!

, 73, W3DCG@...

---

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[Non-text portions of this message have been removed]

# 538. Re: rs 232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-06 23:49:23 UTC
From: DAVE ...M0BZK
Topic: 531  Message: 538

Hi I can not still get your email address yahoo cuts it off all I
get is ww3s:a please send direct to me at m0bzk@...
daveM0BZK

--- In TS-850_450_690@y..., ww3s@z... wrote:
> ww3s@a...
>
>
>
>
>
> hi the manual is in pdf file if you send me you email address i
will
> send... yahoo cuts off the email address
>
> dave M0BZK
>
> --- In TS-850_450_690@y..., "WW3S" <ww3s@z...> wrote:
> > Is the manual in electronic format? If so could you forward it?
> >
> > ----- Original Message -----
> > From: DAVE ...M0BZK <bletchleynet@y...>
> > To: <TS-850_450_690@y...>
> > Sent: Monday, November 04, 2002 4:57 PM
> > Subject: [TS-850_450_690] rs 232 interface
> >
> >
> > > thanks all for the advice re my interface. I now have a copy of
> the
> > > kenwood interface manaul. I have to get 2 new chips and try
again
> but
> > > my fear is that some how I have damaged the o/p from the 850.
If I
> > > put the scope on the o/p line all I seem to get is one burst of
> data
> > > then nothing. Does the computer have to poll the radio to get a
> o/p
> > > or should the radio send out data all the time.
> > > Dave M0BZK
> > >
> > >
> > >
> > > THANKS FOR USING TS-850_450_690@Y...
> > >

> > > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> > >
> > >
> > >
>
>
> THANKS FOR USING TS-850_450_690@Y...
>
> Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/

# 539. Re: rs 232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-06 23:49:45 UTC
From: DAVE ...M0BZK
Topic: 531  Message: 539

Hi I can not still get your email address yahoo cuts it off all I
get is ww3s:a please send direct to me at m0bzk@...
daveM0BZK

--- In TS-850_450_690@y..., ww3s@z... wrote:
> ww3s@a...
>
>
>
>
>
> hi the manual is in pdf file if you send me you email address i
will
> send... yahoo cuts off the email address
>
> dave M0BZK
>
> --- In TS-850_450_690@y..., "WW3S" <ww3s@z...> wrote:
> > Is the manual in electronic format? If so could you forward it?
> >
> > ----- Original Message -----
> > From: DAVE ...M0BZK <bletchleynet@y...>
> > To: <TS-850_450_690@y...>
> > Sent: Monday, November 04, 2002 4:57 PM
> > Subject: [TS-850_450_690] rs 232 interface
> >
> >
> > > thanks all for the advice re my interface. I now have a copy of
> the
> > > kenwood interface manaul. I have to get 2 new chips and try
again
> but
> > > my fear is that some how I have damaged the o/p from the 850.
If I
> > > put the scope on the o/p line all I seem to get is one burst of
> data
> > > then nothing. Does the computer have to poll the radio to get a
> o/p
> > > or should the radio send out data all the time.
> > > Dave M0BZK
> > >
> > >
> > >
> > > THANKS FOR USING TS-850_450_690@Y...
> > >

> > > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> > >
> > >
> > >
>
>
> THANKS FOR USING TS-850_450_690@Y...
>
> Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/

# 540. Re: rs 232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-06 23:50:06 UTC
From: DAVE ...M0BZK
Topic: 531  Message: 540

Hi I can not still get your email address yahoo cuts it off all I
get is ww3s:a please send direct to me at m0bzk@...
daveM0BZK

--- In TS-850_450_690@y..., ww3s@z... wrote:
> ww3s@a...
>
>
>
>
>
> hi the manual is in pdf file if you send me you email address i
will
> send... yahoo cuts off the email address
>
> dave M0BZK
>
> --- In TS-850_450_690@y..., "WW3S" <ww3s@z...> wrote:
> > Is the manual in electronic format? If so could you forward it?
> >
> > ----- Original Message -----
> > From: DAVE ...M0BZK <bletchleynet@y...>
> > To: <TS-850_450_690@y...>
> > Sent: Monday, November 04, 2002 4:57 PM
> > Subject: [TS-850_450_690] rs 232 interface
> >
> >
> > > thanks all for the advice re my interface. I now have a copy of
> the
> > > kenwood interface manaul. I have to get 2 new chips and try
again
> but
> > > my fear is that some how I have damaged the o/p from the 850.
If I
> > > put the scope on the o/p line all I seem to get is one burst of
> data
> > > then nothing. Does the computer have to poll the radio to get a
> o/p
> > > or should the radio send out data all the time.
> > > Dave M0BZK
> > >
> > >
> > >
> > > THANKS FOR USING TS-850_450_690@Y...
> > >

> > > Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> > >
> > >
> > >
>
>
> THANKS FOR USING TS-850_450_690@Y...
>
> Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/

# 541. Welcome

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-07 14:01:05 UTC
From: w8krr
Topic: 426  Message: 541

Welcome adb1x1 to the 850_450_690 group. Please use the
reply button and tell us a bit about yourself.
Mike

# 542. Memory channel control

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-12 20:37:33 UTC
From: maritimus49
Topic: 542  Message: 542

Hello all -
I have a problem with the memory channel control on the 850. It
is "skipping" frequencies a lot when I use it to tune steps. I saw
this happen on a Drake SW-2 and it was the encoder which I assume the
850 uses for this control. Does anyone know if Pacific Parts sells
this part or where I could look for some assistance?
Thanks.

73,
Bruce K6RQR

# 543. Re: [TS-850_450_690] Memory channel control

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-12 20:41:51 UTC
From: Bill
Topic: 542  Message: 543

Bruce these are available. I will get you the encoder part number when I get to the shop tonight. I may have one also, if the minimum tries to bite you.
All radio owners should keep a spare encoder laying about, it's one of those things that you WILL wear out eventually and it makes life miserable when it's bad. Kinda like a defroster in winter. You can still drive, but... better keep the ice scraper handy! and DON'T get in the car with a cup of coffee!
Bill
maritimus49 <maritimus49@...> wrote:Hello all -
I have a problem with the memory channel control on the 850. It
is "skipping" frequencies a lot when I use it to tune steps. I saw
this happen on a Drake SW-2 and it was the encoder which I assume the
850 uses for this control. Does anyone know if Pacific Parts sells
this part or where I could look for some assistance?
Thanks.

73,
Bruce K6RQR

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---
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[Non-text portions of this message have been removed]

# 544. Welcome new members

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-16 18:07:55 UTC
From: Max
Topic: 544  Message: 544

Welcome VE3BGP and K5LK to the group. Drop us a message and tell us
a little about yourself and your station.

# 545. Hum on receive audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-17 02:23:46 UTC
From: k5lk
Topic: 545  Message: 545

I have an 850 and seem to be getting low frequency hum on the receive audio. I only notice it when the room is quiet and the volume control is low. Just enough to be frustrating!
Any ideas?
Thanks,
Bill, K5LK

# 546. Re: [TS-850_450_690] Hum on receive audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-18 13:40:57 UTC
From: Bill
Topic: 545  Message: 546

First thing is to make sure the rig and the power supply are at least several inches apart.
Second, check the R8 and T8 voltages to make sure they are switching cleanly.
b
k5lk <k5lk@...> wrote:I have an 850 and seem to be getting low frequency hum on the receive audio. I only notice it when the room is quiet and the volume
control is low. Just enough to be frustrating!
Any ideas?
Thanks,
Bill, K5LK

THANKS FOR USING TS-850_450_690@...

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---
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[Non-text portions of this message have been removed]

# 547. Welcome new member KF6OZ

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-19 23:04:33 UTC
From: Max Donoghue
Topic: 547  Message: 547

Welcome KF6OZ to the group. Drop us a line and say hello.

# 548. Welcome new member arkkasal

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-19 23:06:50 UTC
From: Max Donoghue
Topic: 548  Message: 548

Welcome to the TS-850_450_690 group. Drop us a note and say hello.

# 549. International Radio Service Division

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-21 05:03:24 UTC
From: Mel
Topic: 549  Message: 549

Does anyone have recent experience with INRAD Service?
I remember seeing a bad rap by one ham about six months
ago on <www.qth.com> and wonder if anyone else has had
a problem.

I need to send my 450S in for repair. When tuning up
you get the power level right but it will not hold the
setting some time later and power drops off.

I have the INRAD filters in it and really like their
well defined sharp bandpass.

I really enjoy SWL on the TS-450S. It is better than
my ICOM IC-756 for AM.

73,
Mel - KF6OZ

# 550. 850 & transverter fun!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-21 12:13:24 UTC
From: Max Donoghue
Topic: 550  Message: 550

For those interested I have successfully mated my TS850 with a Yaesu FTV700 6/2/440 transverter. It only has the 2m module right now, but I'm looking for a 6m add-on. You can set the display on the 850 to read exact 2m frequencies (menu # 27) which is a realy nice feature. Not much 2m SSB activity around here, but so far reports are FM are great, and the packet ability is nice. I modded the 850 to use the output from the RF driver circuit to drive the transverter to 10W output. This method prevents HF RF power from being transmitted into the transverter by mistake. So far the results are encouraging. I will post some pictures as soon as I can get the upstairs computer functioning again. It has the digital camera reader on it! DOn't suppose we have any computer experts on here do we??

# 551. Re: [TS-850_450_690] International Radio Service Division

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-21 14:46:38 UTC
From: Bill
Topic: 549  Message: 551

Hey one bad rap in 6 mos for a co. of that size? That ain't too bad!
give 'em a call.
On your 756, is there a option xtal filter for AM? if so, get it, you won't be
disappointed.
b
Mel <kf6oz@...> wrote:Does anyone have recent experience with INRAD Service?
I remember seeing a bad rap by one ham about six months
ago on <www.qth.com> and wonder if anyone else has had
a problem.

I need to send my 450S in for repair. When tuning up
you get the power level right but it will not hold the
setting some time later and power drops off.

I have the INRAD filters in it and really like their
well defined sharp bandpass.

I really enjoy SWL on the TS-450S. It is better than
my ICOM IC-756 for AM.

73,
Mel - KF6OZ

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[Non-text portions of this message have been removed]

# 552. new guy

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-21 23:25:02 UTC
From: Steve
Topic: 552  Message: 552

Hello. I own a TS-850S/AT. I bought it used (mint condx.) several years ago for $1000. I bought it from a dealer and have been completely satisfied with it's performance. I haven't got to do anything with it lately as I live in an apartment, but I am keeping it and I know it will get a chance to play on the air again, hopefully sooner than later. It's last use was Field Day 2002 and it is in good health.

These days I am on the air with an FT-100 in the mobile, all bands 80-up and most modes.

73-- Steve KD1XH
Terryville, CT

# 553. Re: new guy

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-22 04:22:46 UTC
From: Max
Topic: 552  Message: 553

--- In TS-850_450_690@y..., "Steve" <kd1xh@a...> wrote:
> Hello. I own a TS-850S/AT. I bought it used (mint condx.) several
> years ago for $1000. I bought it from a dealer and have been
> completely satisfied with it's performance. I haven't got to do
> anything with it lately as I live in an apartment, but I am keeping
> it and I know it will get a chance to play on the air again,
> hopefully sooner than later. It's last use was Field Day 2002 and
> it is in good health.

Hi Steve,

Welcome to the group. I also run a TS850S at my location which I purchased this year from another member on here Jeff, KC1MK. I stepped up to the 850 from the 450 although I hated to part with it. I just recently picked up a 2m transverter which I use with the 850 and it is like having a $1000 2m all mode. It even shows the 2m frequency. As I type this I am listening to the local police on 142.815 MHz! It has also allowed me to get back into the local 2m packet circles. Although with IRLP and EchoLink I am surprised packet has lasted as long as it has. I am also in an apartment but I strung an invisible antenna out in the yard which allows me to work 20m PSK all over the USA. Not much but at least it keeps me active. And with the transverter I can chat to the locals on the repeater. I just wanted to welcome you to the group, feel free to ask any questions you may have. There is a great bunch of fellas in the group.

73 for now,

Max

# 554. Re: Inrad service

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-22 12:54:26 UTC
From: Doug Ensor
Topic: 554  Message: 554

I have had good luck with Burghardt's service dept in South Dakota on my 850sat -- very short delay to assess problem and get it back -- none of this "we'll look at it in about 2 months and get back to you" stuff of the "high priced spread". And, you get to talk to *people*!! Give them a call and see...

Doug, K8DE
----- Original Message -----
From: <TS-850_450_690@yahoogroups.com>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, November 22, 2002 7:17 AM
Subject: [TS-850_450_690] Digest Number 161

> THANKS FOR USING TS-850_450_690@...
> ------------------------------------------------------------------------
>
> There are 3 messages in this issue.
>
> Topics in this digest:
>
> 1. Re: International Radio Service Division
> From: Bill <coorsbill@...>
> 2. new guy
> From: "Steve" <kd1xh@...>
> 3. Re: new guy
> From: "Max" <ve3tmt@...>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 1
> Date: Thu, 21 Nov 2002 06:46:38 -0800 (PST)
> From: Bill <coorsbill@...>
> Subject: Re: International Radio Service Division
>
>
> Hey one bad rap in 6 mos for a co. of that size? That ain't too bad!
> give 'em a call.
> On your 756, is there a option xtal filter for AM? if so, get it, you won't be disappointed.
> b
> Mel <kf6oz@...> wrote:Does anyone have recent experience with INRAD Service?
> I remember seeing a bad rap by one ham about six months

> ago on <www.qth.com> and wonder if anyone else has had
> a problem.
>
> I need to send my 450S in for repair. When tuning up
> you get the power level right but it will not hold the
> setting some time later and power drops off.
>
> I have the INRAD filters in it and really like their
> well defined sharp bandpass.
>
> I really enjoy SWL on the TS-450S. It is better than
> my ICOM IC-756 for AM.
>
> 73,
> Mel - KF6OZ
>
>
>
> Yahoo! Groups SponsorADVERTISEMENT
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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>
> see our website www.amateur-repairs.com
>
>
>
> ---------------------------------
> Do you Yahoo!?
> Yahoo! Mail Plus - Powerful. Affordable. Sign up now
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 2
> Date: Thu, 21 Nov 2002 23:25:02 -0000
> From: "Steve" <kd1xh@...>
> Subject: new guy
>
> Hello. I own a TS-850S/AT. I bought it used (mint condx.) several
> years ago for $1000. I bought it from a dealer and have been
> completely satisfied with it's performance. I haven't got to do
> anything with it lately as I live in an apartment, but I am keeping

> it and I know it will get a chance to play on the air again,
> hopefully sooner than later. It's last use was Field Day 2002 and it
> is in good health.
>
> These days I am on the air with an FT-100 in the mobile, all bands 80-
> up and most modes.
>
> 73-- Steve KD1XH
> Terryville, CT
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 3
> Date: Fri, 22 Nov 2002 04:22:46 -0000
> From: "Max" <ve3tmt@...>
> Subject: Re: new guy
>
> --- In TS-850_450_690@y..., "Steve" <kd1xh@a...> wrote:
> > Hello. I own a TS-850S/AT. I bought it used (mint condx.) several
> > years ago for $1000. I bought it from a dealer and have been
> > completely satisfied with it's performance. I haven't got to do
> > anything with it lately as I live in an apartment, but I am keeping
> > it and I know it will get a chance to play on the air again,
> > hopefully sooner than later. It's last use was Field Day 2002 and
> > it is in good health.
>
> Hi Steve,
>
> Welcome to the group. I also run a TS850S at my location which I
> purchased this year from another member on here Jeff, KC1MK. I
> stepped up to the 850 from the 450 although I hated to part with it.
> I just recently picked up a 2m transverter which I use with the 850
> and it is like having a $1000 2m all mode. It even shows the 2m
> frequency. As I type this I am listening to the local police on
> 142.815 MHz! It has also allowed me to get back into the local 2m
> packet circles. Although with IRLP and EchoLink I am surprised
> packet has lasted as long as it has. I am also in an apartment but I
> strung an invisible antenna out in the yard which allows me to work
> 20m PSK all over the USA. Not much but at least it keeps me active.
> And with the transverter I can chat to the locals on the repeater. I
> just wanted to welcome you to the group, feel free to ask any
> questions you may have. There is a great bunch of fellas in the
> group.
>
> 73 for now,
>
> Max

>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 555. Re: [TS-850_450_690] new guy

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-22 15:38:00 UTC
From: Paul Manuel
Topic: 552  Message: 555

--- Steve <kd1xh@...> wrote:
> Hello. I own a TS-850S/AT. I bought it used (mint condx.) several
> years ago for $1000. These days I am on the air with an FT-100 in the
mobile, all bands 80- up and most modes.

Steve,
This is the same combination of rigs I am using. I purchased the FT-100, intending to use it in the house, but was not satisfied with the small size and the menus, or the transmit audio. So I bought a near-mint 850SAT for about $800 from a dealer, and am very happy with the pair. Although I am often tempted to plop the 850 in the car seat and use it mobile sometimes, because my time with it is very limited!
73,
Paul K4PDM

_____
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# 556. Re: ts850 No Output, burning smell....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-22 19:50:49 UTC
From: pmerx424
Topic: 513  Message: 556

Hello Bill,

I just repaired the rig.
On the original layout the 2SA1204 is mentioned, but later on Kenwood
used the 2SA1213.
The main difference between the 1204-1213 is the bigger current.
See data at Toshiba who delivers them to Kenwood.
After soldering the new transistor the rig works fine again.
Tnx for your ideas.

73s Peter pa3fne

-- In TS-850_450_690@y..., Bill <coorsbill@y...> wrote:
> That is a 2SA1204(y) on the TRX unit supplying TXB to
> the rest of the rig.
>
> Also check Q3 on the BK SW unit, which I have circled
> as a common cause of SS being locked LOW or ON as if
> the mic were keyed all the time. It is a DTC124EK
> compound transistor and is on the "X59-3880-00" unit.
>
> Good luck Peter!
>
> Bill K0ZL
>
> www.amateur-repairs.com
>
> --- pmerx424 <pmerx002@f...> wrote:
> > Hello Bill,
> > I had to built out the IF-unit board, and I'am sure
> > that the Q152 is
> > the smoking bandit.
> > I will let you know, when the unit is fixed.
> > First I have to order the transistor, and secondly
> > build the TS850
> > together.
> > But this will take some time, while I have travel to
> > France coming
> > weeks.
> > 73s Peter
> >
> > --- In TS-850_450_690@y..., Bill <coorsbill@y...>
> > wrote:
> > > You should be able to change this out without
> > removing
> > > the auxilliary board, I think it is on the SS line

> > to
> > > make the rig transmit. I will look at the SvcMan
> > > tonight to see what you are dealing with.
> > >
> > > It's nothing you did most likely, maybe a spike
> > off
> > > the t/r line from the amplifier?
> > >
> > > bill
> > >
> > >
> > > --- pmerx424 <pmerx002@f...> wrote:
> > > > Hello Om,
> > > >
> > > >
> > > > My ts850 went silent key, in the middle of the
> > cwqww
> > > > contest last
> > > > weekend.
> > > > I had no output, and a nasty smell came in my
> > > > shack...
> > > > After some inspections I saw that the final
> > > > transistors were ok.
> > > > This evening I found that transistor Q152 on the
> > TRX
> > > > X59-3680-00
> > > > board burned out.
> > > >
> > > > - Does any has experiences with this?
> > > > - How can this happen, while I feel myself not
> > > > guilty doing something
> > > > wrong.
> > > > - Is it possible to swapped this transistor or
> > do I
> > > > have to swapped
> > > > this tiny PCB at all.
> > > > And swapping this transitor is this the solution
> > ?
> > > > It's a small board what is soldered vertically
> > on
> > > > the IF Unit.
> > > > Looks to me it is not easy.
> > > > Please help me out,
> > > > 73s Peter PA3FNE
> > > >
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> > > =====
> > >
> > > see our website www.amateur-repairs.com
> > >
> > >
> > > _____
> > > Do you Yahoo!?
> > > HotJobs - Search new jobs daily now
> > > http://hotjobs.yahoo.com/
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> =====
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> see our website www.amateur-repairs.com
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> _____
> Do you Yahoo!?
> HotJobs - Search new jobs daily now
> http://hotjobs.yahoo.com/

# 557. Re: [TS-850_450_690] Re: Inrad service

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-22 22:13:12 UTC
From: Bill
Topic: 554  Message: 557

You can also call B&B Technical Services in Denver at 303-424-4858, or email 'em at bbtech1@.... They are real good with the TS-850. I know the tech real well, he's a swell guy! :)
Bill K0ZL
www.amateur-repairs.com

Doug Ensor <densor@...> wrote:I have had good luck with Burghardt's service dept in South Dakota on my
850sat -- very short delay to assess problem and get it back -- none of this
"we'll look at it in about 2 months and get back to you" stuff of the "high
priced spread". And, you get to talk to *people*!! Give them a call and
see...

Doug, K8DE
----- Original Message -----
From: <TS-850_450_690@yahoogroups.com>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, November 22, 2002 7:17 AM
Subject: [TS-850_450_690] Digest Number 161

> THANKS FOR USING TS-850_450_690@...
> ------------------------------------------------------------------------
>
> There are 3 messages in this issue.
>
> Topics in this digest:
>
> 1. Re: International Radio Service Division
> From: Bill <coorsbill@...>
> 2. new guy
> From: "Steve" <kd1xh@...>
> 3. Re: new guy
> From: "Max" <ve3tmt@...>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 1
> Date: Thu, 21 Nov 2002 06:46:38 -0800 (PST)
> From: Bill <coorsbill@...>
> Subject: Re: International Radio Service Division
>
>
> Hey one bad rap in 6 mos for a co. of that size? That ain't too bad!
> give 'em a call.

> On your 756, is there a option xtal filter for AM? if so, get it, you
won't be disappointed.
> b
> Mel <kf6oz@...> wrote:Does anyone have recent experience with INRAD
Service?
> I remember seeing a bad rap by one ham about six months
> ago on <www.qth.com> and wonder if anyone else has had
> a problem.
>
> I need to send my 450S in for repair. When tuning up
> you get the power level right but it will not hold the
> setting some time later and power drops off.
>
> I have the INRAD filters in it and really like their
> well defined sharp bandpass.
>
> I really enjoy SWL on the TS-450S. It is better than
> my ICOM IC-756 for AM.
>
> 73,
> Mel - KF6OZ
>
>
>
> Yahoo! Groups SponsorADVERTISEMENT
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>
> see our website www.amateur-repairs.com
>
>
>
> ---------------------------------
> Do you Yahoo!?
> Yahoo! Mail Plus - Powerful. Affordable. Sign up now
>
> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 2
> Date: Thu, 21 Nov 2002 23:25:02 -0000
> From: "Steve" <kd1xh@...>

> Subject: new guy
>
> Hello. I own a TS-850S/AT. I bought it used (mint condx.) several
> years ago for $1000. I bought it from a dealer and have been
> completely satisfied with it's performance. I haven't got to do
> anything with it lately as I live in an apartment, but I am keeping
> it and I know it will get a chance to play on the air again,
> hopefully sooner than later. It's last use was Field Day 2002 and it
> is in good health.
>
> These days I am on the air with an FT-100 in the mobile, all bands 80-
> up and most modes.
>
> 73-- Steve KD1XH
> Terryville, CT
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 3
> Date: Fri, 22 Nov 2002 04:22:46 -0000
> From: "Max" <ve3tmt@...>
> Subject: Re: new guy
>
> --- In TS-850_450_690@y..., "Steve" <kd1xh@a...> wrote:
> > Hello. I own a TS-850S/AT. I bought it used (mint condx.) several
> > years ago for $1000. I bought it from a dealer and have been
> > completely satisfied with it's performance. I haven't got to do
> > anything with it lately as I live in an apartment, but I am keeping
> > it and I know it will get a chance to play on the air again,
> > hopefully sooner than later. It's last use was Field Day 2002 and
> > it is in good health.
>
> Hi Steve,
>
> Welcome to the group. I also run a TS850S at my location which I
> purchased this year from another member on here Jeff, KC1MK. I
> stepped up to the 850 from the 450 although I hated to part with it.
> I just recently picked up a 2m transverter which I use with the 850
> and it is like having a $1000 2m all mode. It even shows the 2m
> frequency. As I type this I am listening to the local police on
> 142.815 MHz! It has also allowed me to get back into the local 2m
> packet circles. Although with IRLP and EchoLink I am surprised
> packet has lasted as long as it has. I am also in an apartment but I
> strung an invisible antenna out in the yard which allows me to work
> 20m PSK all over the USA. Not much but at least it keeps me active.
> And with the transverter I can chat to the locals on the repeater. I
> just wanted to welcome you to the group, feel free to ask any

> questions you may have. There is a great bunch of fellas in the
> group.
>
> 73 for now,
>
> Max
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

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---
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[Non-text portions of this message have been removed]

# 558. Re: Inrad Service - Thanks

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-23 02:52:04 UTC
From: Mel
Topic: 558  Message: 558

Thanks fellows, the input from several of you have been
helpful.
73,
Mel - KF6OZ

# 559. Re: [TS-850_450_690] Re: ts850 No Output, burning smell....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-23 03:22:47 UTC
From: Bill
Topic: 513  Message: 559

Peter, thanks so much for that!
B
pmerx424 <pmerx002@...> wrote:
Hello Bill,

I just repaired the rig.
On the original layout the 2SA1204 is mentioned, but later on Kenwood
used the 2SA1213.
The main difference between the 1204-1213 is the bigger current.
See data at Toshiba who delivers them to Kenwood.
After soldering the new transistor the rig works fine again.
Tnx for your ideas.

73s Peter pa3fne

-- In TS-850_450_690@y..., Bill <coorsbill@y...> wrote:
> That is a 2SA1204(y) on the TRX unit supplying TXB to
> the rest of the rig.
>
> Also check Q3 on the BK SW unit, which I have circled
> as a common cause of SS being locked LOW or ON as if
> the mic were keyed all the time. It is a DTC124EK
> compound transistor and is on the "X59-3880-00" unit.
>
> Good luck Peter!
>
> Bill K0ZL
>
> www.amateur-repairs.com
>
> --- pmerx424 <pmerx002@f...> wrote:
> > Hello Bill,
> > I had to built out the IF-unit board, and I'am sure
> > that the Q152 is
> > the smoking bandit.
> > I will let you know, when the unit is fixed.
> > First I have to order the transistor, and secondly
> > build the TS850
> > together.
> > But this will take some time, while I have travel to
> > France coming
> > weeks.
> > 73s Peter
> >
> > --- In TS-850_450_690@y..., Bill <coorsbill@y...>
> > wrote:

> > > You should be able to change this out without
> > removing
> > > the auxilliary board, I think it is on the SS line
> > to
> > > make the rig transmit. I will look at the SvcMan
> > > tonight to see what you are dealing with.
> > >
> > > It's nothing you did most likely, maybe a spike
> > off
> > > the t/r line from the amplifier?
> > >
> > > bill
> > >
> > >
> > > --- pmerx424 <pmerx002@f...> wrote:
> > > > Hello Om,
> > > >
> > > >
> > > > My ts850 went silent key, in the middle of the
> > cwqww
> > > > contest last
> > > > weekend.
> > > > I had no output, and a nasty smell came in my
> > > > shack...
> > > > After some inspections I saw that the final
> > > > transistors were ok.
> > > > This evening I found that transistor Q152 on the
> > TRX
> > > > X59-3680-00
> > > > board burned out.
> > > >
> > > > - Does any has experiences with this?
> > > > - How can this happen, while I feel myself not
> > > > guilty doing something
> > > > wrong.
> > > > - Is it possible to swapped this transistor or
> > do I
> > > > have to swapped
> > > > this tiny PCB at all.
> > > > And swapping this transitor is this the solution
> > ?
> > > > It's a small board what is soldered vertically
> > on
> > > > the IF Unit.
> > > > Looks to me it is not easy.
> > > > Please help me out,
> > > > 73s Peter PA3FNE
> > > >
> > > >
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> > >
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> Do you Yahoo!?
> HotJobs - Search new jobs daily now
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[Non-text portions of this message have been removed]

# 560. Welcome new member avvidclif

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-23 23:42:12 UTC
From: Max
Topic: 560  Message: 560

Welcome new member to the T-850_450_690 users group.

# 561. Welcome new member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-25 12:02:31 UTC
From: Max
Topic: 561  Message: 561

Welcome jgskora to the group.

# 562. Re: Welcome new member avvidclif

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-26 01:45:57 UTC
From: Clif
Topic: 560  Message: 562

Thanks for the welcome. Just thought I would stick my nose in and see
what's going on. Maybe learn a little, maybe help a little.

Clif
KA5IPF

--- In TS-850_450_690@y..., "Max" <ve3tmt@y...> wrote:
> Welcome new member to the T-850_450_690 users group.

# 563. Re: [TS-850_450_690] Digest Number 165

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-27 00:01:31 UTC
From: D.Cy Gacuzana
Topic: 563  Message: 563

I'm new to this group, and thinking things sure have been quiet...my 850 has been sitting in it's triple-box for over 2 weeks now, still haven't hooked it up; I'm hoping things are so quiet around here because the 850 is such a well made rig it seldomly develops problems. ha.
I bought the 850 as a backup rig for my Corsair I. hi hi. But really, it's turning into that, seems like I won't get it on the air until the Corsair dies or gets sick.
Really, I got it for dabbling in contests, computer interfacable was what I was after, and since a new 570G was in the same price class as a used 850, I opted for the phenomenal RX performance specs plus real nice looking CW keying waveforms used, as found in an 850!
It's just that, the ancient Corsair is working so well for the casual operating I have barely had time for lately.
Well, if all is well on the 850 front, that sure is one little thing to be Thankful for, and I just thought I'd say something here!
73, wellness to all,
w3dcg.
TS-850_450_690@yahoogroups.com wrote:THANKS FOR USING TS-850_450_690@...
---

There is 1 message in this issue.

Topics in this digest:

1. Re: Welcome new member avvidclif
From: "Clif"

---
---

Message: 1
Date: Tue, 26 Nov 2002 01:45:57 -0000
From: "Clif"
Subject: Re: Welcome new member avvidclif

Thanks for the welcome. Just thought I would stick my nose in and see
what's going on. Maybe learn a little, maybe help a little.

Clif
KA5IPF

--- In TS-850_450_690@y..., "Max" wrote:
> Welcome new member to the T-850_450_690 users group.

---
---

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---
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[Non-text portions of this message have been removed]

# 564. Re: [TS-850_450_690] Digest Number 165

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-27 02:12:05 UTC
From: Paul Manuel
Topic: 563  Message: 564

--- "D.Cy Gacuzana" <gacuzana@...> wrote:
> I'm hoping things are so quiet around here because the 850
> is such a well made rig it seldomly develops problems. ha.
>It's just that, the ancient Corsair is working so well for the casual
> operating I have barely had time for lately.

I know what you mean about "no time." All my operating is on my mobile
FT-100 and, although I like the little radio, I LOVE my 850.
I wish I had time to wear it out!
73,
Paul K4PDM

_____
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# 565. Members please read...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-27 04:27:38 UTC
From: Max
Topic: 565  Message: 565

First off, a welcome to new member K2UA.

In November alone we had 15 new members join the group. Once again I'd like to ask all members, if you don't mind, why not submit a photo of you and your station. I realize some may object to this and that's ok by me, but if you like the idea, it would be a great way for us to get to know a little more about each other. Any interested readings you have come across regarding the 850, 450 or 690 lately? And tips or mods you may have performed or read about to make these great rigs a little better? Any questions you may have dealing with a problem you may be having with your own gear? Put your questions and comments to the group, after all that is what we are here for. Personally I just finished building yet another CAT interface for my 850. I also incorporated a CW keying line into this one, although a week too late for the CW contest! The Canada Day Winter contest is coming up December 28 and I plan on operating CW only this time around. So get those photos in, and feel free to call on any member for help anytime, and to the members south of the border Happy Thanksgiving.

73,
Max

# 566. Re: Digest Number 165

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-27 04:30:43 UTC
From: Max
Topic: 563  Message: 566

> I know what you mean about "no time." All my operating is on my
mobile
> FT-100 and, although I like the little radio, I LOVE my 850.
> I wish I had time to wear it out!
> 73,
> Paul K4PDM

Hi Paul,

I spend more time building interfaces for my 850 than I do
operating! I recently picked up a 2m transverter and now use it
quite a bit on the local 2m repeater. Nothing but unsolicited
comments on the nice sounding audio. These rigs are definitely
keepers.

Max

# 567. New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-27 04:35:03 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 424  Message: 567

Enter your vote today! A new poll has been created for the
TS-850_450_690 group:

I'd just like to find out what
particular model of Kenwood the members
are using. Guess I just have too much
time on my hands.

o TS850
o TS450
o TS690
o TS950
o TS870
o TS940
o TS440
o TS430
o TS2000
o TS570
o TS530
o TS830
o TS930
o TS140
o None of the above

To vote, please visit the following web page:

http://groups.yahoo.com/group/TS-850_450_690/surveys?id=10980567

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

# 569. Re: New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-27 16:30:07 UTC
From: rsakabu
Topic: 424  Message: 569

```
--- In TS-850_450_690@y..., TS-850_450_690@y... wrote:
>
> Enter your vote today! A new poll has been created for the
> TS-850_450_690 group:
>
> I'd just like to find out what
> particular model of Kenwood the members
> are using. Guess I just have too much
> time on my hands.
>

What if you are using several Kenwood rigs?
```

# 570. Equipment poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-27 17:15:10 UTC
From: Zack Widup
Topic: 570  Message: 570

I use both the 850 (now my main rig) and the TS-440, so I just voted twice - one for each.

It appears you can vote as many times as you want, once for each piece of gear in the list that you use.

73, Zack W9SZ

# 571. Re: [TS-850_450_690] Digest Number 165

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-27 17:37:14 UTC
From: Bill
Topic: 563  Message: 571

Thanks Cy!
Well.. get that 850 out and start tinkering! At the very least, hook up to a long wire and enjoy the finest AM Shortwave/ AM Ham receiver ever produced.
I am continually impressed with the performance of the 850 on AM mode, especially with the filter selection ability... 4 different settings to choose from!
73
bill
"D.Cy Gacuzana" <gacuzana@...> wrote:
I'm new to this group, and thinking things sure have been quiet...my 850 has been sitting in it's triple-box for over 2 weeks now, still haven't hooked it up; I'm hoping things are so quiet around here because the 850 is such a well made rig it seldomly develops problems. ha.
I bought the 850 as a backup rig for my Corsair I. hi hi. But really, it's turning into that, seems like I won't get it on the air until the Corsair dies or gets sick.
Really, I got it for dabbling in contests, computer interfacable was what I was after, and since a new 570G was in the same price class as a used 850, I opted for the phenomenal RX performance specs plus real nice looking CW keying waveforms used, as found in an 850!
It's just that, the ancient Corsair is working so well for the casual operating I have barely had time for lately.
Well, if all is well on the 850 front, that sure is one little thing to be Thankful for, and I just thought I'd say something here!
73, wellness to all,
w3dcg.
TS-850_450_690@yahoogroups.com wrote:THANKS FOR USING TS-850_450_690@...
---

There is 1 message in this issue.

Topics in this digest:

1. Re: Welcome new member avvidclif
From: "Clif"

---
---

Message: 1
Date: Tue, 26 Nov 2002 01:45:57 -0000
From: "Clif"
Subject: Re: Welcome new member avvidclif

Thanks for the welcome. Just thought I would stick my nose in and see what's going on. Maybe learn a little, maybe help a little.

Clif
KA5IPF

--- In TS-850_450_690@y..., "Max" wrote:
> Welcome new member to the T-850_450_690 users group.

---
---

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[Non-text portions of this message have been removed]

# 572. Re: Equipment poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-27 17:50:41 UTC
From: Max
Topic: 570  Message: 572

--- In TS-850_450_690@y..., "Zack Widup" <w9sz@p...> wrote:
> I use both the 850 (now my main rig) and the TS-440, so I just
voted
> twice - one for each.
>
> It appears you can vote as many times as you want, once for each
piece
> of gear in the list that you use.
>
> 73, Zack W9SZ

I guess you're right Zack. I can't limit the number of votes per member, only whether you can vote for one or more pieces of gear at a time.

Max

# 573. Re: [TS-850_450_690] Members please read...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-27 17:51:07 UTC
From: Bill
Topic: 565  Message: 573

Thanks Max, and welcome to K2UA!
Finishing up a kitchen/living room remodel here, and when I get that done I will clean up my shack and get a picture of it. It is just short of "health hazard" status here right now! hi..
Just got another 850 in for service, let's see how that one goes...
bill K0ZL

Max <ve3tmt@...> wrote:First off, a welcome to new member K2UA.

In November alone we had 15 new members join the group. Once again I'd like to ask all members, if you don't mind, why not submit a photo of you and your station. I realize some may object to this and that's ok by me, but if you like the idea, it would be a great way for us to get to know a little more about each other. Any interested readings you have come across regarding the 850, 450 or 690 lately? And tips or mods you may have performed or read about to make these great rigs a little better? Any questions you may have dealing with a problem you may be having with your own gear? Put your questions and comments to the group, after all that is what we are here for. Personally I just finished building yet another CAT interface for my 850. I also incorporated a CW keying line into this one, although a week too late for the CW contest! The Canada Day Winter contest is coming up December 28 and I plan on operating CW only this time around. So get those photos in, and feel free to call on any member for help anytime, and to the members south of the border Happy Thanksgiving.

73,
Max

THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

# 574. Re: [TS-850_450_690] New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-27 17:52:24 UTC
From: Bill
Topic: 424  Message: 574

hey you left out the '120! hi hi
add one "write in" for that one for me.
bill
TS-850_450_690@yahoogroups.com wrote:
Enter your vote today! A new poll has been created for the
TS-850_450_690 group:

I'd just like to find out what
particular model of Kenwood the members
are using. Guess I just have too much
time on my hands.

o TS850
o TS450
o TS690
o TS950
o TS870
o TS940
o TS440
o TS430
o TS2000
o TS570
o TS530
o TS830
o TS930
o TS140
o None of the above

To vote, please visit the following web page:

http://groups.yahoo.com/group/TS-850_450_690/surveys?id=10980567

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

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[Non-text portions of this message have been removed]

# 575. Re: [TS-850_450_690] Re: New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-27 18:01:10 UTC
From: Bill
Topic: 424  Message: 575

What, we can't click more than one answer? darn
b
rsakabu <rsakabu@...> wrote:--- In TS-850_450_690@y..., TS-850_450_690@y... wrote:
>
> Enter your vote today! A new poll has been created for the
> TS-850_450_690 group:
>
> I'd just like to find out what
> particular model of Kenwood the members
> are using. Guess I just have too much
> time on my hands.
>

What if you are using several Kenwood rigs?

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[Non-text portions of this message have been removed]

# 576. Re: [TS-850_450_690] Members please read...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-27 18:34:58 UTC
From: Paul Manuel
Topic: 565  Message: 576

> In November alone we had 15 new members join the group. Once again
> I'd like to ask all members, if you don't mind, why not submit a
> photo of you and your station.

I don't object, I just don't have a camera!
73,
Paul K4PDM

---
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# 577. Re: [TS-850_450_690] Members please read...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-27 18:40:29 UTC
From: Zack Widup
Topic: 565  Message: 577

On Wed, 27 Nov 2002, Bill wrote:

>
> Thanks Max, and welcome to K2UA!
> Finishing up a kitchen/living room remodel here, and when I get that done I will clean up my shack and get a picture of it. It is just short of "health hazard" status here right now! hi..
> Just got another 850 in for service, let's see how that one goes...
> bill K0ZL
>

Welcome Rus!

A bit off-topic here perhaps, but I just got an HTX-100 for $60 on eBay with the express purpose of turning it into a 144-MHz IF rig according to your article.

Zack W9SZ

# 578. Re: [TS-850_450_690] Digest Number 165

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-27 18:43:29 UTC
From: Zack Widup
Topic: 563  Message: 578

On Wed, 27 Nov 2002, Bill wrote:

> 
> Thanks Cy!
> Well.. get that 850 out and start tinkering! At the very least, hook up to a long wire and enjoy the finest AM Shortwave/ AM Ham receiver ever produced.
> I am continually impressed with the performance of the 850 on AM mode, especially with the filter selection ability... 4 different settings to choose from!
> 73
> bill

I have to agree with that! Sometimes I enjoy sitting in the evening and doing some SWL'ing instead of working anyone. The TS-850 is an outstanding performer for AM reception. I did the modification to take out the attenuation on the broadcast band (500-1600 kHz) so it would perform as well in that part of the spectrum.

73, Zack W9SZ

# 579. Please vote again

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-27 19:04:34 UTC
From: Max
Topic: 579  Message: 579

Well I have done it again. I forgot when you edit the poll the number of respondents resets to zero. So if you submitted a response please do so again. I have also listed as many HF rigs as I could think of, hopefully I got them all. You can now vote for more than one piece of equipment.

Max

# 580. Welcome new member N9PF

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-27 20:19:06 UTC
From: Max
Topic: 580  Message: 580

Hello Paul and welcome to the Kenwood TS-850_450_690 users group.
Feel free to butt in with any questions or comments you might have
regarding these fine radios. And don't forget to vote in the poll.

73,
Max

# 581. Re: Poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-27 22:37:00 UTC
From: bud Thompson
Topic: 581  Message: 581

I have had my Kenwood TS-850-S A/T on line running a digital MBO 24/7 since 1993. It has been offline perhaps six times (for as little as three days to as much as two weeks), and was offline for 2.5 months during our move from Las Vegas to Central Florida.

bud N0IA

# 582. Re: Members please read...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-28 07:25:01 UTC
From: Steve
Topic: 565  Message: 582

I have a camera, but I don't have a shack! Unless you count the one
in my car, but there's no Kenwood radios in there.

--- In TS-850_450_690@y..., Paul Manuel <k4pdm@y...> wrote:
>
>
>
> > In November alone we had 15 new members join the group. Once
again
> > I'd like to ask all members, if you don't mind, why not submit a
> > photo of you and your station.
>
> I don't object, I just don't have a camera!
> 73,
> Paul K4PDM
>
>
>
> _____
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# 583. Re: Members please read...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-28 11:28:00 UTC
From: Max
Topic: 565  Message: 583

--- In TS-850_450_690@y..., "Steve" <kd1xh@a...> wrote:
> I have a camera, but I don't have a shack! Unless you count the one
> in my car, but there's no Kenwood radios in there.

Pictures of mobile setups are welcome too!

# 584. Re: [TS-850_450_690] Members please read...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-28 17:32:21 UTC
From: Bill
Topic: 565  Message: 584

Paint us a "word picture"...
73
bill
Paul Manuel <k4pdm@...> wrote:

> In November alone we had 15 new members join the group. Once again
> I'd like to ask all members, if you don't mind, why not submit a
> photo of you and your station.

I don't object, I just don't have a camera!
73,
Paul K4PDM

---
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# 585. Re: [TS-850_450_690] Members please read...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-28 17:38:28 UTC
From: Bill
Topic: 565  Message: 585

Zack,
Please keep us posted on your project.
What kind of transverter are you going to use?
Thanks
bill
Zack Widup <w9sz@...> wrote:On Wed, 27 Nov 2002, Bill wrote:

>
> Thanks Max, and welcome to K2UA!
> Finishing up a kitchen/living room remodel here, and when I get that done I will clean up my shack and get a picture of it. It is just short of "health hazard" status here right now! hi..
> Just got another 850 in for service, let's see how that one goes...
> bill K0ZL
>

Welcome Rus!

A bit off-topic here perhaps, but I just got an HTX-100 for $60 on eBay
with the express purpose of turning it into a 144-MHz IF rig according to
your article.

Zack W9SZ

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# 586. Re: [TS-850_450_690] Digest Number 165

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-28 17:40:52 UTC
From: Bill
Topic: 563  Message: 586

I have found that in crowded band conditions, with the 6Khz filters, that even being 100-200 hz off freq on a weak AM sig make difference between readable and not readable. That's how selective the crystal filters are. I noticed the same thing on the TS-430 after I put the YK88A filter in.
b
Zack Widup <w9sz@...> wrote:On Wed, 27 Nov 2002, Bill wrote:

>
> Thanks Cy!
> Well.. get that 850 out and start tinkering! At the very least, hook up to a long wire and enjoy the finest AM Shortwave/ AM Ham receiver ever produced.
> I am continually impressed with the performance of the 850 on AM mode, especially with the filter selection ability... 4 different settings to choose from!
> 73
> bill

I have to agree with that! Sometimes I enjoy sitting in the evening and doing some SWL'ing instead of working anyone. The TS-850 is an outstanding performer for AM reception. I did the modification to take out the attenuation on the broadcast band (500-1600 kHz) so it would perform as well in that part of the spectrum.

73, Zack W9SZ

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# 587. Re: [TS-850_450_690] Please vote again

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-28 17:47:41 UTC
From: Bill
Topic: 579  Message: 587

Thanks Max, ought to be interesting.
Well here's what I am running here. TS-850 with memory keyer/voice mem, Drake R4B/T4X, Swan 500C/SS16 (16 pole filter), Halli SX-117. Computer is white box Athlon 900, cd/rw, two 40 meg drives, WinXP, no interface to ham gear yet. Wife works from home on computer (one of the schemes that actually works...www.alpineaccess.com will tell the story, if anyone is in the Denver area and needs work!)
Antennas are all wires and verticals: Delta loops on 20 and 10M, 40/80 trap vee, full 1/4 wave vert on 30M, 10M halfwave Ringo at ten feet.
Unimpressive stuff but serves us well and we have a lot of fun with it.
The field day rig is a 1976 Ford Mitchell camper on a E350 chassis, about 25 feet long, big block 460 (makes getting to field day a LOT of fun!), has fridge, heat, and head. Paid about 4500 for it, and dumped another 800 in for exhaust and tires... have had fun in it.
For batts we have the engine batt, the orig camper battery setup and additional 210 AH in the back just for the radios.
see pics in member files
73
bill
Max <ve3tmt@...> wrote:Well I have done it again. I forgot when you edit the poll the number of respondents resets to zero. So if you submitted a response
please do so again. I have also listed as many HF rigs as I could
think of, hopefully I got them all. You can now vote for more than
one piece of equipment.

Max

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# 588. Equipment Poll ended

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-30 16:04:05 UTC
From: Max
Topic: 588  Message: 588

You can see the results on the poll page. 139 members and only 18 respondents to the poll.

# 589. Re: [TS-850_450_690] Equipment Poll ended

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-30 16:56:58 UTC
From: Bill
Topic: 588  Message: 589

14 percent participation is pretty good, Max!
b
Max <ve3tmt@...> wrote:You can see the results on the poll page. 139 members and only 18 respondents to the poll.

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# 590. Re: [TS-850_450_690] Equipment Poll ended

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-30 17:14:51 UTC
From: Paul Manuel
Topic: 588  Message: 590

--- Max <ve3tmt@...> wrote:
> You can see the results on the poll page. 139 members and only 18
> respondents to the poll.
Max,
I think that probably when the poll got re-set and you did not re-send us
the link, a lot of us did not bother to look it up! Sorry about that.
Maybe we could try again.
73,
Paul K4PDM

_____
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# 591. Re: Equipment Poll ended

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-11-30 17:35:15 UTC
From: Max
Topic: 588  Message: 591

Well I am off to the great city of Belleville Ontario for a birthday bash. Have a good weekend everyone, I'll try and think of another poll hehe.

Max

# 592. Re: [TS-850_450_690] Re: Equipment Poll ended

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-02 05:10:57 UTC
From: Don
Topic: 588  Message: 592

Max,
May I suggest a poll on not only the rig, but how it is equipped or
modified.
for examples IF filters, AF filters, mic mixer, receive preamp, DSP
unit etc.
--Don

Max wrote:
>
> Well I am off to the great city of Belleville Ontario for a birthday
> bash. Have a good weekend everyone, I'll try and think of another
> poll hehe.
>
> Max
>
> THANKS FOR USING TS-850_450_690@...
>
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# 593. Re: [TS-850_450_690] Re: Equipment Poll ended

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-02 15:12:06 UTC
From: Bill
Topic: 588  Message: 593

OK:
TS-850, AM/BC band 20dB pad removed. Sidetone level mod. Resistor in PA unit strapped to make the fan run harder. K'wood 500hz filters. Rx ant line runs thru tuner when AT switch is on. That's about it, could not find any other mods that I really need.
Swan 500C/SS16 modified AGC circuit for improved attack and decay, but it's still audio-derived and subject to some distortion on strong sigs.
Heath SB-220, removed one tube and hard-wired power supply to low voltage on the B+, to reduce stress on power supply and plate dissipation on the tube, to allow 100 percent duty on rtty/fm/am modes (am drive to about 150 watts out of the amp, gives about 500 PEP on sidebands and no splatter reports). Run RTTY up to ten-fifteen minutes per transmission with no problem. FM on ten meters, it's amazing to fully quiet someone's receiver 12,000 miles away.
bill
Don <WN9V@...> wrote:Max,
May I suggest a poll on not only the rig, but how it is equipped or
modified.
for examples IF filters, AF filters, mic mixer, receive preamp, DSP
unit etc.
--Don

Max wrote:
>
> Well I am off to the great city of Belleville Ontario for a birthday
> bash. Have a good weekend everyone, I'll try and think of another
> poll hehe.
>
> Max
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

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# 594. Re: [TS-850_450_690] Re: Equipment Poll ended

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-02 16:46:36 UTC
From: Zack Widup
Topic: 588  Message: 594

On Mon, 2 Dec 2002, Bill wrote:

>
> OK:
> TS-850, AM/BC band 20dB pad removed. Sidetone level mod. Resistor in PA
> unit strapped to make the fan run harder. K'wood 500hz filters. Rx ant
> line runs thru tuner when AT switch is on. That's about it, could not
> find any other mods that I really need.

I'm interested in the mod to run the RX line thru the tuner when AT switch
is on. Has anyone done this mod?

Zack W9SZ

# 595. Re: [TS-850_450_690] Re: Equipment Poll ended

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-02 18:52:14 UTC
From: Paul Manuel
Topic: 588  Message: 595

--- Zack Widup <w9sz@...> wrote:
>
> I'm interested in the mod to run the RX line thru the tuner when AT
> switch is on. Has anyone done this mod?

I'd like to see that, too. I remember one for the 450 but not the 850.
Perhaps it is similar?
73,
Paul K4PDM

---------------------------------------------------
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# 596. Re antenna tuner mod...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-02 19:19:34 UTC
From: Max
Topic: 596  Message: 596

Well Bill,

Looks like you started something. If you ever do manage to dig up the info on that mod I would be interested as well. I did the mod on my old TS440 and it worked fantastic. I tried going thru the service manual but after 10 minutes of following traces I got dizzy! I also did the BC band receive mod and am about to do the sidetone mod. I would be interested in some info on the cooling fan mod too. BTW, is that fan supposed to be on all the time when you are transmitting or only when the PA reaches a certain temp? Mine kicks in as soon as I transmit.

# 597. ATU for RX mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-02 23:36:53 UTC
From: rsakabu
Topic: 588  Message: 597

--- In TS-850_450_690@y..., Paul Manuel <k4pdm@y...> wrote:
>
> --- Zack Widup <w9sz@p...> wrote:
> >
> > I'm interested in the mod to run the RX line thru the tuner when AT
> > switch is on. Has anyone done this mod?
>
> I'd like to see that, too. I remember one for the 450 but not the 850.
> Perhaps it is similar?
> 73,
> Paul K4PDM
>
> _____
> Do you Yahoo!?
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> http://mailplus.yahoo.com

Do you know where the instructions are to run the RX line through the
ATU for the 450? Maybe also for a 940?

Thanks,
Roy
AD6ZU

# 598. welcome new member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-04 14:53:02 UTC
From: Bill Leahy
Topic: 17  Message: 598

Welcome new member Ar_ko. Please introduce yourself.

Thanks and 73!

Bill K0ZL

# 599. Re: Equipment Poll ended

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-04 16:01:58 UTC
From: Steve
Topic: 588  Message: 599

Sorry I missed the poll! I have an 850S/AT

--- In TS-850_450_690@y..., "Max" <ve3tmt@y...> wrote:
> You can see the results on the poll page. 139 members and only 18
> respondents to the poll.

# 600. Tuner mod done

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-05 06:46:17 UTC
From: Max
Topic: 600  Message: 600

I have performed the tuner mod and it works. I have some pictures to upload as soon as Yahoo straightens out its problems.

Max

# 601. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-05 12:36:18 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 601

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /TS850 MOD.txt
Uploaded by : ve3tmt <ve3tmt@...>
Description : TS850 MOD PROCEDURE

You can access this file at the URL

http://groups.yahoo.com/group/TS-850_450_690/files/TS850%20MOD.txt

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ve3tmt <ve3tmt@...>

# 602. Re: [TS-850_450_690] New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-05 14:17:26 UTC
From: Bill
Topic: 421  Message: 602

Thanks Max! Still going nutz here with tail end of kitchen remodel AND getting ready for Christmas (church activities, decorating the house, shopping), AND fixing my machine shop customer's junque AND spending time with Bonnie... whew..
This old world is spinning so fast it's a wonder the trees ain't laying down.
b
TS-850_450_690@yahoogroups.com wrote:
Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /TS850 MOD.txt
Uploaded by : ve3tmt <ve3tmt@...>
Description : TS850 MOD PROCEDURE

You can access this file at the URL

http://groups.yahoo.com/group/TS-850_450_690/files/TS850%20MOD.txt

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ve3tmt <ve3tmt@...>

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# 603. Tuner Problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-05 14:55:28 UTC
From: Jjm Henington
Topic: 603  Message: 603

First let me clarify that I love most aspects of Ham Radio. The one I dislike is the tech part. Never been interested in building or repairs. That said I have a TS 850S/AT and the tuner has just stop working. I've had the unit for 8 yrs and never had a problem with it(that's pretty incredible don't you think). I purchased from Memphis Amateur Electronic.
Anyone have a suggestion on something a non tech person could check or give a suggestion as to where to send for service, Antenna I was trying to tune was just 2:1 without tuner. Thur tuner I can here the motor but the meter shows full scale until it drops.
Sorry this is so long.
Jim

[Non-text portions of this message have been removed]

# 604. Re: [TS-850_450_690] Tuner Problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-05 15:41:15 UTC
From: Zack Widup
Topic: 603  Message: 604

Funny, mine did the same thing for a while during CQWW SSB a couple weeks ago but returned to normal a while later. I figured something just overheated. I was giving the rig a workout!

I'll have to study the circuit to see what might have caused it.

Zack W9SZ

On Thu, 5 Dec 2002, Jjm Henington wrote:

> First let me clarify that I love most aspects of Ham Radio. The one I
> dislike is the tech part. Never been interested in building or repairs.
> That said I have a TS 850S/AT and the tuner has just stop working. I've had
> the unit for 8 yrs and never had a problem with it(that's pretty incredible
> don't you think). I purchased from Memphis Amateur Electronic.
> Anyone have a suggestion on something a non tech person could check or give
> a suggestion as to where to send for service, Antenna I was trying to
> tune was just 2:1 without tuner. Thur tuner I can here the motor but the
> meter shows full scale until it drops.
> Sorry this is so long.
> Jim
>

# 605. Re: [TS-850_450_690] Tuner Problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-05 19:52:54 UTC
From: Bill
Topic: 603  Message: 605

Jim, first try a reset (A=B, power on) and see if that does it. If not, you can send the radio (radio only, no mic or book etc) to me for repair.
Please see my website for more information. I am running 4 weeks backlog right now, trying to reduce that.
Thanks and 73!
Bill K0ZL
www.amateur-repairs.com
B&B Tech Services 303-424-4858
Jjm Henington <jimh@...> wrote:First let me clarify that I love most aspects of Ham Radio. The one I
dislike is the tech part. Never been interested in building or repairs.
That said I have a TS 850S/AT and the tuner has just stop working. I've had
the unit for 8 yrs and never had a problem with it(that's pretty incredible
don't you think). I purchased from Memphis Amateur Electronic.
Anyone have a suggestion on something a non tech person could check or give
a suggestion as to where to send for service, Antenna I was trying to
tune was just 2:1 without tuner. Thur tuner I can here the motor but the
meter shows full scale until it drops.
Sorry this is so long.
Jim

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 606. Re: [TS-850_450_690] Tuner Problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-05 23:24:10 UTC
From: Jjm Henington
Topic: 603  Message: 606

Thanks Bill,
Thanks to Kevin its now working. But I'll bookmark your site for the future

73's
Jim

[Non-text portions of this message have been removed]

# 607. Re: [TS-850_450_690] Tuner Problems Fixed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-05 23:39:57 UTC
From: Jjm Henington
Topic: 607  Message: 607

Thanks to Kevin from the list my tuner is working again.
Just in case someone else should have this problem I'm sharing what Kevin passed on to me.
Kevin suggested that my carrier was turned down to low upon inspection it was set at 4. Since we were there I rotated the knob serveral times and it started working. A little dirt I guess.
Thanks again to the list.
73's Jim

[Non-text portions of this message have been removed]

# 608. Re: Tuner Problems Fixed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-11 01:14:28 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 607  Message: 608

--- In TS-850_450_690@yahoogroups.com, "Jjm Henington" <jimh@p...>
wrote:
> Thanks to Kevin from the list my tuner is working again.
> Just in case someone else should have this problem I'm sharing what
Kevin
> passed on to me.
> Kevin suggested that my carrier was turned down to low upon
inspection it
> was set at 4. Since we were there I rotated the knob serveral
times and it
> started working. A little dirt I guess.
> Thanks again to the list.
> 73's Jim

Glad to see you solved the problem Jim. I sometimes sit here scratching my head wondering why mine isn't tuning, only to find I have forgotten to switch the RF back in line from using my transverter. Of course if the tuner doesn't get any signal to tune it just sits there whirling away. I already envision myself with the screwdriver tearing off the covers to see what is wrong when I catch my mistake.

Max

# 609. new member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-11 14:11:08 UTC
From: Bill Leahy <coorsbill@yahoo.com>
Topic: 609  Message: 609

Welcome W4JZ to the group!

73

Bill K0ZL

# 610. TS- 850 ALC erattic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-13 16:47:16 UTC
From: bud Thompson
Topic: 610  Message: 610

Deltona, FL
Friday Dec 13 1145EST

Old topic - New player with the problem!

I know Bill can answer this, but put it to the group so everyone can benefit from his counsel.

Using a dummy load:

1. CW mode - PWR control full ON, KEY DOWN - bring power output slowly with CAR control

at about 80-90w there is a BUMP in the ALC - PO down, ALC settles to zero and I can continue on up to 100w or so.

2. LSB mode voice or digital AFSK -PWR full On -

Nominal 60-80w output peak on P.O. meter

Every once in a while that BUMP in the ALC - then settles down again.

While I've experienced the overall erratic/sensitive nature of the 850 for more than a decade, this symptom described is new.

73,
bud N0IA

# 611. Re: [TS-850_450_690] TS- 850 ALC erattic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-13 19:42:42 UTC
From: Bill
Topic: 610  Message: 611

Monitor the -6.0 volt output of the DC-DC converter to eliminate that.
Make sure something in the coax jumpers or antenna system is not breaking down with power.
Your DC-DC converter is now in a socket, so it's real easy to put a new one in and try
that.
73
bill
bud Thompson <budt@...> wrote:Deltona, FL
Friday Dec 13 1145EST

Old topic - New player with the problem!

I know Bill can answer this, but put it to the group so everyone can benefit
from his counsel.

Using a dummy load:

1. CW mode - PWR control full ON, KEY DOWN - bring power output slowly with
CAR control

at about 80-90w there is a BUMP in the ALC - PO down, ALC settles to zero
and I can continue on up to 100w or so.

2. LSB mode voice or digital AFSK -PWR full On -

Nominal 60-80w output peak on P.O. meter

Every once in a while that BUMP in the ALC - then settles down again.

While I've experienced the overall erratic/sensitive nature of the 850 for
more than a decade, this symptom described is new.

73,
bud N0IA

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[Non-text portions of this message have been removed]

# 612. Regarding new poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-17 21:43:49 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 612  Message: 612

It seems to me that it would take about 20 different polls to answer all the question regarding equipment used by our members. SO I am inviting everyone to post a message describing their station, including rigs used, antennas, accessories, mode preferences, etc. If you have performed any mods to the equipment that might be beneficial to others include a description of those as well. Should make for some interesting reading. I guess I will start it off.

My main rig is the excellent TS850S/AT. After reading about the SSB audio craze I purchased an Apex 430 studio condensor mic and Behringer MX602A EQ/mixer. I must admit it is sounding better than any other HF equipment I've owned in the past, except perhaps for the Kenwood TS830S I owned many years ago. The TS850 is also used with a Yaesu FTV700 2m transverter. Other rigs owned include a TS440S, Yaesu FT101E (my first rig), FT77, Icom 738, Yaesu FT900, TS830S, TS50S, TS711A, and probaby many others I can't recall. I recently purchased the Yaesu FT817 QRP rig and am having a blast with it. I have the W4RT speech processor with the Heil HC4 element which works really nice together. I homebrewed a 13' vertical that covers 40,30,20,17 & 10 meters that works really well. Much cheaper than the commercial antennas on the market. It is a tapped coil version of the MP-1 by SuperAntennas.

Mods on the 850 include the sidetone mod, enhanced noise blanker mod, antenna tuner on receive, separate low level output for transverter, and the broadcast band sensitivity mod. This radio is definately a keeper and will always have a spot on the shack shelf.

73,
Max

# 613. Re: [TS-850_450_690] Regarding new poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-17 22:07:25 UTC
From: Stu
Topic: 612  Message: 613

Hi Folks

well I am a ts850s guy that's for sure but at the mo its sick and I am too lazy to sort but I will one of these days.

My 850 has the broadcast band sensitivity mod which I did myself about 5-6 years ago. I have the 500hz 2nd and 3rd if filters in as well as a 270hz in the 2nd if
I moved house and at this moment in time I have only got a 40m dipole and hf2 vertical up. When the warm weather comes I plan on getting the mast up with a homebrew antenna that will give me 3ele on 20 17 15 12 and 5 on 10m.

At present I have a FT1000MP MKV which I use now and again on PSK31 and the odd cw qso. I miss my 850 bad and love to use it on ssb and psk31.

I am a member of the Stirling Radio club GM6NX and can be heard most Thursday evenings using a ts850s from the club shack on ssb or cw

I also do some contests as well. I was active in iota this year as GM5A and CQWWSSB as GM5A and yes I had a ts850 on 10m and 80m
I am also a PODXS member and do a few psk31 contest

I am in the middle of working out what way to do my shack so with some luck over the next few months that will be sorted and will be back on the air with my ts850 (well I can hope)

So that's a little about me
Stu MM0BSM

# 614. Re: [TS-850_450_690] Regarding new poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-18 01:16:17 UTC
From: Jjm Henington
Topic: 612  Message: 614

My unit is a 850s/at. Also have a Kenwood 2530 two meter and a Radio Shack HTX-252 two meter for the truck. Antenna is a Full wave 80 meter loop that tunes great on 80, 40,20,15,10 also a cushcraft vertical and a butternut beam.
Have a great holiday season.
Jim

[Non-text portions of this message have been removed]

# 615. Re: [TS-850_450_690] Regarding new poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-18 02:40:37 UTC
From: Jim ve3mij
Topic: 612  Message: 615

OK, time to make you guys feel active...

I bought my TS-850 in Florida, two months after it came out, absolutely loved it, built a 2M transverter, wrote software in DOS, VB1, 2,3, etc for it, did the BCband mod after about a year, have additional filters, speech syth, tweaked the power up a bit, (checked all modes with a spectrum analyser) and then proceeded to do a number of things that cut into the hobby.

First was becoming an Inspector, with the Canadian Dept. of Communications. (It's like an FCC Engineer.) Want to ruin your hobby? Do radio all day, for a living.... Don't get me wrong, I loved it! But at the end of the day, I didn't want more!!!

Next was having a daughter in 1995. Spare time? what's that???

Finally left DoC to work at Canada's largest Cellular service provider, and on the way there, got hired by the Test and Measurement group at Hewlett-Packard. HP spun that off into Agilent, they made internal restructuring that made no sense, so I took an offer at Tektronix and have been smiling ever since. Great company.

Oh, and I moved four years ago, and haven't put up an HF antenna since.

So I need you guys to keep the spirit alive. I really want to get an antenna up, maybe a vertical for now, and get that lovely TS-850S/AT back on the air where it belongs!

I still get to play radio, but mostly with my customers. Tektronix sells Rohde and Schwarz RF equipment, so I get to sell the best spectrum analysers ever made. Yes, even better than HP, er Agilent's!!! (Is 160 dB dynamic range good?) My wife still works at HP (Poor thing) so don't tell her I said this....

Watching the group, keeps me thinking about getting the 850 on again. Gotta keep the dream alive!

Thanks guys(gals too)

Jim VE3MIJ

# 616. Re: [TS-850_450_690] Regarding new poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-18 15:06:29 UTC
From: Bill
Topic: 612  Message: 616

Another "loop lover"... yikes!
I use resonant loops on 20 and 10, will be putting one up for fifteen by new years.
b
Jjm Henington <jimh@...> wrote:My unit is a 850s/at. Also have a Kenwood 2530 two meter and a Radio Shack
HTX-252 two meter for the truck. Antenna is a Full wave 80 meter loop that
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beam.
Have a great holiday season.
Jim

[Non-text portions of this message have been removed]

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# 617. Re: [TS-850_450_690] Regarding new poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-18 15:15:42 UTC
From: Bill
Topic: 612  Message: 617

Hey Jim, you get all the cool toys to play with! That's not fair!
Try a quicky quad wire... 72 feet of copper, diamond shape... hang apex as high as you can. Feed at bottom with insulator or 1:1 balun, then 10.5' of RG-11 75 ohm coax, then barrel connector and RG8 into the shack. 13.8-14.6Mhz coverage, 4KW if you don't use balun, 1.5Kw if you do, and feed point can be 5' off the ground and it will give you fantastic results coast to coast. DX not as good as vert unless you get feed point up at least 16'... I use mine to blanket the States, with 400W absolutely no trouble unless band is really really dead. Great for net control.
Stateside, when operating QRP, I consistently get S9 and above reports.
You can scale the ant for other bands.. 10m is 31 feet and 5.5 feet of 75ohm feed...
Hmm verticals.. Every Gap Titan I hear on the air is kicking buttsky, at least out past 1,000 miles... the Challenger is a good one too. I love Cushcraft's r-series; had an R3 with the motorized cap at the base, kinda wish I had another. It was for 10-15 and 20 but tuned everything in between just fine.
The R5000 and R7000 are great, would not mind getting one if I wasn't saving for a tower and rotor and quad...
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Jim ve3mij <ve3mij@...> wrote:OK, time to make you guys feel active...

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ever made. Yes, even better than HP, er Agilent's!!! (Is 160 dB dynamic range good?) My wife still works at HP (Poor thing) so don't tell her I said this....

Watching the group, keeps me thinking about getting the 850 on again. Gotta keep the dream alive!

Thanks guys(gals too)

Jim VE3MIJ

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[Non-text portions of this message have been removed]

# 618. Re: [TS-850_450_690] Regarding new poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-18 19:43:56 UTC
From: Jjm Henington
Topic: 612  Message: 618

Sounds like a great antenna but I have trouble builting a sandwich let alone an antenna. I no that's sad but to each his on.
Jim

[Non-text portions of this message have been removed]

# 619. Re: [TS-850_450_690] Regarding new poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-18 20:10:41 UTC
From: Bill
Topic: 612  Message: 619

Hey never too late to learn! Using yer own wire (or power supply or whatever) is quite gratifying. Heck if you can buy a vertical and follow directions to put it together, you can do wire antennas. The nice thing is the cost, although my little ole quad only covers one band (thinking about a multibander though...), it costs about 12 bux to make, not including the feedline into the shack... but for that I use one of my retired 2M antenna feedlines, or one of the field day hunks I have layin around so that parts free... Anyway if you change your mind, I am sure there are lots of folk here just chompin at the bit to tell you about their favorite junque-box antennae...73!
bill
Jjm Henington <jimh@...> wrote:Sounds like a great antenna but I have trouble builting a sandwich let alone
an antenna. I no that's sad but to each his on.
Jim

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 620. DRU-2 module question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-19 00:29:41 UTC
From: wolobmp <wolobmp@yahoo.com>
Topic: 620  Message: 620

hello all, i have a simple question that has to deal with the DRU-2 recorder module. i presently own a ts850,ts690,ts790 and ts711 but what am interesting in finding out is if anyone who has this unit installed in there ts850, is it capable of "recording what the radio is hearing", and then allow playback as well as re-transmitting it? there is quite an interest in this function to allow the other user to hear what there station sounds like on the air, which many stations who are running hf-fi-ssb, have an interest in this. a call was placed to kenwood today, but they were uncertain if the dru-2 module would record right off the air or not. anyone who has this module and a ts850, please try it and let me know if this does indeed work. my guess would be the rec-1,rec2,rec3,etc would function as a cascading-effect recorder, but could be wrong here. any help or your expereinces would be teriffic!
thanks! mike

# 621. Re: [TS-850_450_690] Regarding new poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-19 02:15:47 UTC
From: Jim ve3mij
Topic: 612  Message: 621

Hey Bill, Thanks for the suggestions!

I'll have to take a look and see if I can do a quad... For a start, I was going to make a trap dipole, just to get on, but I'm going to think about this one through the holidays.

As far as cool toys, are you kidding?? That's why I love this job!!! I'm a real tekkie, so I embarrass myself with how excited I get over a new product... Like an oscilloscope with 70 GHz bandwidth... Just when I get used to what we can do, something else comes out that blows my mind. I'm never bored! And yet, I love my 850...

I really appreciate the tips on the verticals as well.. I've been out of touch on this. The last time I was up-to-date, the R5 was current with Cushcraft and they were just coming out with the R7.

If anyone is ever curious as to what different types of digital modulation look like, and how you change them, as well see what they would look like spectrum wise, you can download, for free, software called WinIQsim from www.rsd.de

I'll warn you, it's not for the faint of heart, but if you can understand it, you've done a great job at understanding the various types of digital modulation being used today. Just so it's clear, I'm not pushing any products. It's just a really cool piece of software for anyone trying to learn more in this area. And there's lots of hams that like this stuff.

Anyway, I want to keep this on topic, for the group, so I'll shut up now...

Here's a question for the group.... Has anyone ever considered trying to build their own crystal filters? (Maybe I'm crazy, but I was looking at it at one time....)

73 Jim

----- Original Message -----
From: "Bill" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, December 18, 2002 10:15 AM
Subject: Re: [TS-850_450_690] Regarding new poll

>
> Hey Jim, you get all the cool toys to play with! That's not fair!
> Try a quicky quad wire... 72 feet of copper, diamond shape... hang apex as high as you can. Feed at bottom with insulator or 1:1 balun, then 10.5' of RG-11 75 ohm coax, then barrel connector and RG8 into the shack. 13.8-14.6Mhz coverage, 4KW if you don't use balun, 1.5Kw if you do, and feed

point can be 5' off the ground and it will give you fantastic results coast
to coast. DX not as good as vert unless you get feed point up at least
16'... I use mine to blanket the States, with 400W absolutely no trouble
unless band is really really dead. Great for net control.
> Stateside, when operating QRP, I consistently get S9 and above reports.
> You can scale the ant for other bands.. 10m is 31 feet and 5.5 feet of
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> Hmm verticals.. Every Gap Titan I hear on the air is kicking buttsky, at
least out past 1,000 miles... the Challenger is a good one too. I love
Cushcraft's r-series; had an R3 with the motorized cap at the base, kinda
wish I had another. It was for 10-15 and 20 but tuned everything in between
just fine.
> The R5000 and R7000 are great, would not mind getting one if I wasn't
saving for a tower and rotor and quad...
> b
> Jim ve3mij <ve3mij@...> wrote:OK, time to make you guys feel
active...
>
> I bought my TS-850 in Florida, two months after it came out, absolutely
> loved it, built a 2M transverter, wrote software in DOS, VB1, 2,3, etc for
> it, did the BCband mod after about a year, have additional filters, speech
> syth, tweaked the power up a bit, (checked all modes with a spectrum
> analyser) and then proceeded to do a number of things that cut into the
> hobby.
>
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> (It's like an FCC Engineer.) Want to ruin your hobby? Do radio all day,
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> didn't want more!!!
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> Next was having a daughter in 1995. Spare time? what's that???
>
> Finally left DoC to work at Canada's largest Cellular service provider,
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> Hewlett-Packard. HP spun that off into Agilent, they made internal
> restructuring that made no sense, so I took an offer at Tektronix and have
> been smiling ever since. Great company.
>
> Oh, and I moved four years ago, and haven't put up an HF antenna since.
>
> So I need you guys to keep the spirit alive. I really want to get an
> antenna up, maybe a vertical for now, and get that lovely TS-850S/AT back
on
> the air where it belongs!
>
> I still get to play radio, but mostly with my customers. Tektronix sells
> Rohde and Schwarz RF equipment, so I get to sell the best spectrum

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> ever made. Yes, even better than HP, er Agilent's!!! (Is 160 dB dynamic
> range good?) My wife still works at HP (Poor thing) so don't tell her I
> said this....
>
> Watching the group, keeps me thinking about getting the 850 on again.
Gotta
> keep the dream alive!
>
> Thanks guys(gals too)
>
> Jim VE3MIJ
>
>
>
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# 622. Re: [TS-850_450_690] DRU-2 module question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-19 02:18:38 UTC
From: Jim ve3mij
Topic: 620  Message: 622

I seem to remember reading about this capability on the DRU, but the 850 not being set up to do it...

----- Original Message -----
From: <wolobmp@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, December 18, 2002 7:29 PM
Subject: [TS-850_450_690] DRU-2 module question

> hello all, i have a simple question that has to deal with the DRU-2
> recorder module. i presently own a ts850,ts690,ts790 and ts711 but
> what am interesting in finding out is if anyone who has this unit
> installed in there ts850, is it capable of "recording what the radio
> is hearing", and then allow playback as well as re-transmitting it?
> there is quite an interest in this function to allow the other user
> to hear what there station sounds like on the air, which many
> stations who are running hf-fi-ssb, have an interest in this. a call
> was placed to kenwood today, but they were uncertain if the dru-2
> module would record right off the air or not. anyone who has this
> module and a ts850, please try it and let me know if this does indeed
> work. my guess would be the rec-1,rec2,rec3,etc would function as a
> cascading-effect recorder, but could be wrong here. any help or your
> expereinces would be teriffic!
> thanks! mike
>
>
> THANKS FOR USING TS-850_450_690@...
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> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>

# 623. Re: DRU-2 module question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-19 03:40:36 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 620  Message: 623

Jim,

I believe the DRU2 will allow off air recording and playback. I do it a simpler way. If you have your radio hooked up to the computer for digital modes like PSK etc, then use an audio recording program to do it for you. I use Cool Edit 2000. I can record anything off the air and play it back to the operators which I do all the time to the local 2m guys who want to hear what their mics sound like. My recording time is only limited to hard drive space available.

Max

# 624. Re: DRU-2 module question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-19 03:41:53 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 620  Message: 624

Sorry jim, I misread and those you posted the original question.

Max

# 625. Re: [TS-850_450_690] Regarding new poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-19 04:52:00 UTC
From: Zack Widup
Topic: 612  Message: 625

I have been using a full-wave loop on 40 meters for about 8 years now. I love it. It definitely outperforms a dipole but isn't as good as a beam; I can't fit a beam in my yard anyway, so the loop is quite satisfactory.

It's actually a 2-turn loop to bring the feedpoint impedance into an easily manageable range. The antenna appeared in ARRL Antenna Compendium Vol 2 as "Magnetic Radiators - Low Profile Paired Verticals for HF" by Russell E. Prack, K5RP.

73, Zack W9SZ

On Wed, 18 Dec 2002, Bill wrote:

>
> Another "loop lover"... yikes!
> I use resonant loops on 20 and 10, will be putting one up for fifteen by new years.
> b
> Jjm Henington <jimh@...> wrote:My unit is a 850s/at. Also have a Kenwood 2530 two meter and a Radio Shack
> HTX-252 two meter for the truck. Antenna is a Full wave 80 meter loop that
> tunes great on 80, 40,20,15,10 also a cushcraft vertical and a butternut
> beam.
> Have a great holiday season.
> Jim
>

# 626. Welcome new member VE3IGN

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-19 12:14:23 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 626  Message: 626

Let's all welcome Don Greene VE3IGN to the group. Enjoy the group
Don, lots of great guys in here.

# 627. Re: [TS-850_450_690] DRU-2 module question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-19 14:51:26 UTC
From: Paul Manuel
Topic: 620  Message: 627

--- "wolobmp <wolobmp@...>" <wolobmp@...> wrote:
> installed in there ts850, is it capable of "recording what the radio
> is hearing", and then allow playback as well as re-transmitting it?

The original QST review of the 850 said the unit records only by "acoustical coupling," which I take to mean out of the speaker and into the microphone. This means that the playback on the other end will be influenced by the 850's filters on receive and transmit, and the frequency response of both the mic and speaker, as well as the frequency response of the receiver and speaker on the other end.
After hearing hundreds of playbacks on the bands, no recording ever sounds like the original anyway, to my ears.
73,
Paul K4PDM

_____
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# 628. Re: [TS-850_450_690] Regarding new poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-19 15:03:51 UTC
From: Paul Manuel
Topic: 612  Message: 628

--- Jim ve3mij <ve3mij@...> wrote:
> Here's a question for the group.... Has anyone ever considered trying to
> build their own crystal filters? (Maybe I'm crazy, but I was looking at
> it at one time....)

In my old QSTs and CQs I see where hams used to do it frequently. I never
did, though!
73,
Paul K4PDM

_____
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# 629. Welcome new member N9PF

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-19 16:47:02 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 580  Message: 629

Welcome to the group. Drop us a line and tell us a bit about
yourself and your station.

# 630. Re: [TS-850_450_690] Regarding new poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-19 20:08:10 UTC
From: Bill
Topic: 612  Message: 630

Homebrew filters have been around for years... looking at the old Handbooks, looks like it would not be too hard to do... most of the kit-built QRP rigs have filters made from 2-4 xtals, not sure how they order them or what specs they use.
I use trap dipole for 80 and 40, and single-band loops and verts for everything else.
b
Jim ve3mij <ve3mij@...> wrote:Hey Bill, Thanks for the suggestions!

I'll have to take a look and see if I can do a quad... For a start, I was going to make a trap dipole, just to get on, but I'm going to think about this one through the holidays.

As far as cool toys, are you kidding?? That's why I love this job!!! I'm a real tekkie, so I embarrass myself with how excited I get over a new product... Like an oscilloscope with 70 GHz bandwidth... Just when I get used to what we can do, something else comes out that blows my mind. I'm never bored! And yet, I love my 850...

I really appreciate the tips on the verticals as well.. I've been out of touch on this. The last time I was up-to-date, the R5 was current with Cushcraft and they were just coming out with the R7.

If anyone is ever curious as to what different types of digital modulation look like, and how you change them, as well see what they would look like spectrum wise, you can download, for free, software called WinIQsim from www.rsd.de

I'll warn you, it's not for the faint of heart, but if you can understand it, you've done a great job at understanding the various types of digital modulation being used today. Just so it's clear, I'm not pushing any products. It's just a really cool piece of software for anyone trying to learn more in this area. And there's lots of hams that like this stuff.

Anyway, I want to keep this on topic, for the group, so I'll shut up now...

Here's a question for the group.... Has anyone ever considered trying to build their own crystal filters? (Maybe I'm crazy, but I was looking at it at one time....)

73 Jim

----- Original Message -----
From: "Bill" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, December 18, 2002 10:15 AM
Subject: Re: [TS-850_450_690] Regarding new poll

>
> Hey Jim, you get all the cool toys to play with! That's not fair!
> Try a quicky quad wire... 72 feet of copper, diamond shape... hang apex as high as you can. Feed at bottom with insulator or 1:1 balun, then 10.5' of RG-11 75 ohm coax, then barrel connector and RG8 into the shack. 13.8-14.6Mhz coverage, 4KW if you don't use balun, 1.5Kw if you do, and feed point can be 5' off the ground and it will give you fantastic results coast to coast. DX not as good as vert unless you get feed point up at least 16'... I use mine to blanket the States, with 400W absolutely no trouble unless band is really really dead. Great for net control.
> Stateside, when operating QRP, I consistently get S9 and above reports.
> You can scale the ant for other bands.. 10m is 31 feet and 5.5 feet of 75ohm feed...
> Hmm verticals.. Every Gap Titan I hear on the air is kicking buttsky, at least out past 1,000 miles... the Challenger is a good one too. I love Cushcraft's r-series; had an R3 with the motorized cap at the base, kinda wish I had another. It was for 10-15 and 20 but tuned everything in between just fine.
> The R5000 and R7000 are great, would not mind getting one if I wasn't saving for a tower and rotor and quad...
> b
> Jim ve3mij <ve3mij@...> wrote:OK, time to make you guys feel active...
>
> I bought my TS-850 in Florida, two months after it came out, absolutely
> loved it, built a 2M transverter, wrote software in DOS, VB1, 2,3, etc for
> it, did the BCband mod after about a year, have additional filters, speech
> syth, tweaked the power up a bit, (checked all modes with a spectrum
> analyser) and then proceeded to do a number of things that cut into the
> hobby.
>
> First was becoming an Inspector, with the Canadian Dept. of Communications.
> (It's like an FCC Engineer.) Want to ruin your hobby? Do radio all day, for
> a living.... Don't get me wrong, I loved it! But at the end of the day, I
> didn't want more!!!
>
> Next was having a daughter in 1995. Spare time? what's that???
>
> Finally left DoC to work at Canada's largest Cellular service provider, and
> on the way there, got hired by the Test and Measurement group at
> Hewlett-Packard. HP spun that off into Agilent, they made internal
> restructuring that made no sense, so I took an offer at Tektronix and have
> been smiling ever since. Great company.
>
> Oh, and I moved four years ago, and haven't put up an HF antenna since.
>
> So I need you guys to keep the spirit alive. I really want to get an
> antenna up, maybe a vertical for now, and get that lovely TS-850S/AT back

on
> the air where it belongs!
>
> I still get to play radio, but mostly with my customers. Tektronix sells
> Rohde and Schwarz RF equipment, so I get to sell the best spectrum
analysers
> ever made. Yes, even better than HP, er Agilent's!!! (Is 160 dB dynamic
> range good?) My wife still works at HP (Poor thing) so don't tell her I
> said this....
>
> Watching the group, keeps me thinking about getting the 850 on again.
Gotta
> keep the dream alive!
>
> Thanks guys(gals too)
>
> Jim VE3MIJ
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
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>
>
>
> see our website www.amateur-repairs.com
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[Non-text portions of this message have been removed]

# 631. Welcome new member W3NJ

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-21 19:55:47 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 631  Message: 631

Let's welcome Bruce, W3NJ to the group. Bruce, drop us a note and tell us about you and your station.

# 632. Happy Holidays to all members

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-21 19:56:35 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 632  Message: 632

Wishing all the members a safe and happy holiday season.

Max

# 633. New member N9ROU

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-22 04:26:24 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 633  Message: 633

Welcome to the group Steve, saw the shack on QRZ.com. Nice station!!

# 634. Re: New member N9ROU

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-22 04:48:00 UTC
From: n9rou <sumbach@ameritech.net>
Topic: 633  Message: 634

--- In TS-850_450_690@yahoogroups.com, "Max <ve3tmt@y...>"
<ve3tmt@y...> wrote:
> Welcome to the group Steve, saw the shack on QRZ.com. Nice
> station!!

Thanks! --- Steve

# 635. (no subject)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-22 14:27:02 UTC
From: w3njbruce <w3nj@aol.com>
Topic: 635  Message: 635

Max and the group

Thanks for the welcome!

For the station info:

I run a TS-850SAT that's ~10 years old. We've contributed to Kenwood's profit margin by purchasing a TM-V7A, TH-G71, TR-2600A, TV-502 2M x'verter (used...converted for use with the 850) and a variety of accessories...all still "running". We use the TR-2600 with a Tiny Trak-II for APRS (you can see us at www.findu.com)

Antennas:
7-band trap (coax) dipole at 20'
Homebrew 2-meter j-pole (works as a pretty good dummy load on 440)

73 and Happy Holidays to all!

de Bruce- W3NJ

# 636. TS450S manual wanted

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-22 19:22:43 UTC
From: h0tguitar@aol.com
Topic: 636  Message: 636

Any idea where I can download a owner and/or service manual for a Kenwood 450S?
Thanx !!
Harold

[Non-text portions of this message have been removed]

# 637. Welcome new member VE4UD

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-22 21:26:10 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 637  Message: 637

Welcome to the group Bill. Drop us a line and introduce yourself.

Max

# 638. Welcome new member tnc99992003

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-22 21:29:33 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 638  Message: 638

Welcome to the group. Drop us a line and introduce yourself.

# 639. TS450 and computer control

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-23 05:08:38 UTC
From: westtexas6797 <c.freund@worldnet.att.net>
Topic: 639  Message: 639

Hello to all, Clayton here WB5TOI.
I was curious if anyone here had played around with computer control
of ts450. i have the IF 232 interface and manual. But just can`t
get radio to rcognize any commands from terminal program.
I have set program to my com1 4800 baud 2 stop bits but if type in say
"FA;" to read frequency it does nothing.
The radio will work with some shareware progs I downloaded so know
the interface and radio are ok. any help would be greatly appreciated
Thanks Clayton

# 640. Re: [TS-850_450_690] (unknown)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-23 16:31:35 UTC
From: Bill
Topic: 635  Message: 640

hey Bruce, thanks for the post.
Sounds like you have a full barn there! "Where the manger is clean, there are no oxen..."
73
Bill
"w3njbruce <w3nj@...>" <w3nj@...> wrote:Max and the group

Thanks for the welcome!

For the station info:

I run a TS-850SAT that's ~10 years old. We've contributed to Kenwood's profit margin by purchasing a TM-V7A, TH-G71, TR-2600A, TV-502 2M x'verter (used...converted for use with the 850) and a variety of accessories...all still "running". We use the TR-2600 with a Tiny Trak-II for APRS (you can see us at www.findu.com)

Antennas:
7-band trap (coax) dipole at 20'
Homebrew 2-meter j-pole (works as a pretty good dummy load on 440)

73 and Happy Holidays to all!

de Bruce- W3NJ

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[Non-text portions of this message have been removed]

# 641. New member!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-23 16:32:55 UTC
From: Bill Leahy <coorsbill@yahoo.com>
Topic: 308  Message: 641

Welcome to Atravellingman, new member to our group.

Why not tell us about yourself and your ham station?

73,

Bill K0ZL

# 642. Re: TS450 and computer control

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-23 17:28:36 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 639  Message: 642

--- In TS-850_450_690@yahoogroups.com, "westtexas6797
<c.freund@w...>" <c.freund@w...> wrote:
> Hello to all, Clayton here WB5TOI.
> I was curious if anyone here had played around with computer control
> of ts450. i have the IF 232 interface and manual. But just can`t
> get radio to rcognize any commands from terminal program.
> I have set program to my com1 4800 baud 2 stop bits but if type in
say
> "FA;" to read frequency it does nothing.
> The radio will work with some shareware progs I downloaded so know
> the interface and radio are ok. any help would be greatly
appreciated
> Thanks Clayton

Clayton,

If I recall correctly I had the same problem with my 450 before I
sold it. The computer and radio signals were "banging" in to each
other. I was using TRX Manager at the time. Using the same interface
on my 850 however worked just fine. Anyone else having problems?

Seasons Greeting to everyone in the group.
Max

# 643. Thanks for Welcome

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-23 18:26:10 UTC
From: Bill Evans
Topic: 643  Message: 643

Thanks for the welcome to this user group. My name is Bill Evans and I live in Winnipeg, Manitoba, Canada. I operate a TS-850S/AT as my main rig at home and a TS-690S/AT at my cottage on Lake Winnipeg about 75 miles NE of Winnipeg.

I also operate a TS-820S with both TV-506 and TV-502 Transverters. Worked WAS on 6m with the TV-506 at just 10 Watts.

looking forward to all the discussion of these fine rigs and will be deep into the archives for some time also.

73 de Bill VE4UD

# 644. TS-850 mods

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-25 02:30:25 UTC
From: maritimus49 <maritimus49@yahoo.com>
Topic: 644  Message: 644

Hello All -
I have recently had my TS-850S/AT checked out and modified by none other than our own moderator, Bill, and I just wanted to say what a great job he did at a quite reasonable price. Despite being busy with several other rigs he managed to get mine finished in order to ship it back to me in time to move to a new job next week. Thanks to his expert work my 850 is now even more versatile and ready to go for another 10 years. I want to encourage you to consider his technical abilities when you need similar work done to your 850. In my opinion these rigs are one of the best buys on the used market and its very good to know that we have such exellent technical support when necessary.
Thank you, Bill.

73,
Bru

# 645. Re: TS-850 mods

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-25 03:21:08 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 644  Message: 645

Glad to hear Bruce. I used to love my 450, but the 850 is a different story altogether. Every mod enhances an already great radio. I don't think I'll be getting rid of mine anytime soon.

# 646. Re: [TS-850_450_690] TS-850 mods

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-25 15:27:28 UTC
From: Bill
Topic: 644  Message: 646

Gee thanks, Bruce!
This is better than a Christmas card! hehe
73
Bill
"maritimus49 <maritimus49@...>" <maritimus49@...> wrote:Hello All -
I have recently had my TS-850S/AT checked out and modified by none
other than our own moderator, Bill, and I just wanted to say what a
great job he did at a quite reasonable price. Despite being busy with
several other rigs he managed to get mine finished in order to ship it
back to me in time to move to a new job next week. Thanks to his
expert work my 850 is now even more versatile and ready to go for
another 10 years. I want to encourage you to consider his technical
abilities when you need similar work done to your 850. In my opinion
these rigs are one of the best buys on the used market and its very
good to know that we have such exellent technical support when
necessary.
Thank you, Bill.

73,
Bruce

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---
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[Non-text portions of this message have been removed]

# 647. Welcome new member RSUTTONUK

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-25 17:33:24 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 647  Message: 647

Welcome to the group, tell us a bit about yourself and your station.
Merry Christmas.

Max

# 648. Welcome new member N5SZQ

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-26 18:13:55 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 648  Message: 648

Welcome to the group, why not tell us a little about yourself and your station.

# 649. Welcome new member dougblizzard

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-26 18:14:27 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 649  Message: 649

Welcome to the group, why not tell us a little about yourself and your station.

# 653. (no subject)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-27 15:07:29 UTC
From: Bill Leahy <coorsbill@yahoo.com>
Topic: 653  Message: 653

Welcome RZ4AG and srmvil (Bob) to our little group!

Hope we can be of service.

73!

Bill and Max

# 654. Hello

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-27 18:41:37 UTC
From: Alexander Anipkin <aia@hamport.com>
Topic: 653  Message: 654

Hello.

I am use kenwood ts-570 now. And think about change it to ts-850.
Is it reasonable?

My favorite mode is CW and I like contests. Is the 850 better then
570 for this purposes?

PS If you want to sell your ts-850 please contact me via e-mail.

Alexander

# 655. Welcome new member KF4NI

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-27 20:02:07 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 655  Message: 655

Welcome to the group Ruby, tell us a little about yourself.

Seasons Greetings,
Max & the group

# 656. Re: Welcome new member KF4NI

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-27 21:09:18 UTC
From: Ruby Byrd <kf4ni@aol.com>
Topic: 655  Message: 656

--- In TS-850_450_690@yahoogroups.com, "Max <ve3tmt@y...>"
<ve3tmt@y...> wrote:
> Welcome to the group Ruby, tell us a little about yourself.
>
> Seasons Greetings,
> Max & the group

Hi Max,
I just purchased a TS 450sat as a backup rig and it has a TCXO and extra ssb filter and voice bd. I use a Heil HM 10 mike with this rig.This is my first 450sat and I am amazed at the receive on the little rig.
I am 58 yrs. old, married to Kent "W4NKB" and been a ham operator for 30 yrs. I have A1OP--WAS--DXCC--WAZ Awards and I belong to YLRL, ARRL, ARES, INDEXA (life), HIDXA (life), YLSSB (10603), TEN-X (16650), AND 4 local clubs of which I am secretary of 1 and treasurer of 1 and newsletter editor of 1.
I use a Yaesu FT 1000D/FL 7000amp and Hygain TH7DXX antenna for the main station but the Kenwood TS 450sat with Ameritron AL 1200 amp is being used more and more for DX.
Anything I can do to make it better?

# 657. Re: DR U2 BATT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-28 01:05:12 UTC
From: rsakabu <rsakabu@pwav.com>
Topic: 487  Message: 657

OK here's an update,
I finally had the time to take the TS-450 apart again and I started removing components one at a time until I found the culprit. It was D2, the blocking diode. It seems to have stopped blocking. I removed it and measured the resistance across it and saw 380 Ohms in BOTH directions. I replaced the diode and now the current draw from the battery to the RAM is unreadable with my ammeter so it's less than 10 uA, but the RAM has been keeping it memory when the power is removed.

Happy again,
Roy

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> The CPU is not off, it's asleep when the power is off.
> Or it's supposed to be.
> b
>
> --- rsakabu <rsakabu@p...> wrote:
> > OK I'll try that after I try your On-Off test while
> > measuring the
> > current. The problem I see with the On-off theory
> > is that there is a
> > blocking diode that prevents the battery from
> > powering anything else
> > on the digital board. So if the power switch is
> > turned off and/or the
> > 12VDC cord is disconnected, the CPU will not be
> > working and cannot be
> > reading/writing to the RAM causing excess current
> > draw.
> >
> > Oh well, I'll eventually try it out and I will
> > certainly let you know
> > what i discover. There are a lot of cables and
> > harnesses going to
> > that digital board and it takes a bit of room to
> > comfortably spread
> > everything out and finding the room is more of the
> > challange for me
> > <g>. Fortunately, Kenwood laid everything out in
> > the 450 so that
> > there is very little chance of miswiring anything
> > when you put it all
> > back together.

> >
> > 73
> > Roy
> >
> >
> > --- In TS-850_450_690@y..., Bill <coorsbill@y...>
> > wrote:
> > > Roy this is very interesting and the first that I
> > have
> > > heard of this type of thing.
> > >
> > > You may have either a cap as you say(they are
> > large
> > > capacity units and indeed, could go leaky) or a
> > CPU
> > > that won't go to sleep. Would be interesting to
> > know
> > > where that current is going! Sounds like you are
> > up
> > > to the task of finding out.
> > >
> > > If you want to try a little surgery, break the
> > trace
> > > going to the VDD pin from the battery, after the
> > caps,
> > > and measure current there.. that will tell you for
> > > sure where it's going. Or, remove all caps
> > > temporarily.
> > >
> > > b
> >
> >
> >

# 658. Re: [TS-850_450_690] Hello

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-28 01:34:53 UTC
From: Bill
Topic: 653  Message: 658

Hi Alex.
You would do well to switch, the 850 has better IF stages and I love the dual crystal filters. Have not much use for DSP filtering yet, just doesn't sound right to my old radio ears.
Sorry, my 850 is not for sale!
73!
Bill K0ZL
"Alexander Anipkin <aia@...>" <aia@...> wrote:Hello.

I am use kenwood ts-570 now. And think about change it to ts-850.
Is it reasonable?

My favorite mode is CW and I like contests. Is the 850 better then
570 for this purposes?

PS If you want to sell your ts-850 please contact me via e-mail.

Alexander

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[Non-text portions of this message have been removed]

# 659. Re: [TS-850_450_690] Re: Welcome new member KF4NI

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-28 01:37:46 UTC
From: Bill
Topic: 655  Message: 659

Ruby, mods on the TS-450 would be "guilding the lilly"!! you have a fine station there.
Bill K0ZL
Bonnie KB0HTC
"Ruby Byrd <kf4ni@...>" <kf4ni@...> wrote:--- In TS-850_450_690@yahoogroups.com, "Max
<ve3tmt@y...>"
<ve3tmt@y...> wrote:
> Welcome to the group Ruby, tell us a little about yourself.
>
> Seasons Greetings,
> Max & the group

Hi Max,
I just purchased a TS 450sat as a backup rig and it has a TCXO and
extra ssb filter and voice bd. I use a Heil HM 10 mike with this
rig.This is my first 450sat and I am amazed at the receive on the
little rig.
I am 58 yrs. old, married to Kent "W4NKB" and been a ham operator for
30 yrs. I have A1OP--WAS--DXCC--WAZ Awards and I belong to YLRL,
ARRL, ARES, INDEXA (life), HIDXA (life), YLSSB (10603), TEN-X
(16650), AND 4 local clubs of which I am secretary of 1 and treasurer
of 1 and newsletter editor of 1.
I use a Yaesu FT 1000D/FL 7000amp and Hygain TH7DXX antenna for the
main station but the Kenwood TS 450sat with Ameritron AL 1200 amp is
being used more and more for DX.
Anything I can do to make it better?

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# 660. New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-28 02:43:49 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 424  Message: 660

Enter your vote today! A new poll has been created for the
TS-850_450_690 group:

Here's one just for fun. If you had to
replace your current Kenwood rig, what
would you replace it with?

o Same rig
o Different model Kenwood
o Brand Icom xxx
o Brand Yaesu xxx
o I'd never be able to operate HF again!

To vote, please visit the following web page:

http://groups.yahoo.com/group/TS-850_450_690/surveys?id=11005333

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

# 661. TS-850 antenna tuner noise?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-28 03:44:05 UTC
From: Paul B. Peters, VE7AVV
Topic: 661  Message: 661

One of my 850's appears to have developed a noisy antenna tuner. When switching from band to band with the tuner in the Auto position, there is a high-pitched squeak or squeal that I think is coming from the tuner -- could this be? The noise just began and so until I figure out what is going on, I've put the tuner in the Thru position. Band changes with the tuner out of the circuit are normal -- so it's definitely the tuner that's making the noise.

It sounds like the mechanism in the tuner is dry -- any ideas?

73 de Paul, VE7AVV
StoneyGround Station
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
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# 662. DRU2 Batt

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-28 12:35:08 UTC
From: george <g.bromfield@ntlworld.com>
Topic: 662  Message: 662

I had a problem with dru2 this time I made sure the dru2 was not
earthed as bill addvised me all is ok mow thanks to bill
George g0mit

# 663. DRU2 Batt

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-28 12:38:56 UTC
From: george <g.bromfield@ntlworld.com>
Topic: 662  Message: 663

The last email should have said when replacing battery
George g0mit

# 664. dru2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-28 12:40:46 UTC
From: george <g.bromfield@ntlworld.com>
Topic: 664  Message: 664

The last email should have said when replacing battery

# 665. Re: [TS-850_450_690] New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-28 13:22:11 UTC
From: Stu
Topic: 424  Message: 665

> Enter your vote today! A new poll has been created for the
> TS-850_450_690 group:
>
> Here's one just for fun. If you had to
> replace your current Kenwood rig, what
> would you replace it with?
>
> o Same rig
> o Different model Kenwood
> o Brand Icom xxx
> o Brand Yaesu xxx
> o I'd never be able to operate HF again!
>
>

Well it happened to me and I looked long at it and decided to buy the ft1000mp mkv
as I was looking for a brand new radio that was the only option for me. If kenwood were to bring a new radio out that is better than the 850 then I will sell the mp and buy it as for the 870 it doesn't come up to scratch
If however it was a replacement second hand then yes I would buy a ts850 as I feel that no other rig is as good

I still have my ts850 and will one day get around to sorting it and use it as my main rig but I am lazy at the mo so maybe a new year resolution coming on

Any way all enjoy your radios and have a great dx new year
Stu MM0BSM

# 666. Re: [TS-850_450_690] Hello

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-29 01:36:12 UTC
From: Paul Manuel
Topic: 653  Message: 666

--- Bill <coorsbill@...> wrote:
> Hi Alex.
> You would do well to switch, the 850 has better IF stages and I love the
> dual crystal filters. Have not much use for DSP filtering yet, just
> doesn't sound right to my old radio ears.
Alexander,
I would agree with Bill. Although the amateur world in general would probably go for the newer rig, the 850 has one of the three or four best receivers ever tested by the ARRL in QST. I have never operated a 570, but the 850 is much superior to every rig I've compared, including the IC-746, IC-706, FT-100, and many older radios. If you do operate SSB, transmit and receive audio is excellent in the 850, and you can open up the receive (and transmit!!) bandwidth to 6 kHz, if you are into that sort of thing.

The only advantage I see in these newer radios is the extra band coverage, but in the basic 570 you don't get that.
73,
Paul K4PDM

---------------------------------------------------
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# 667. Re: [TS-850_450_690] New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-29 02:06:47 UTC
From: Paul Manuel
Topic: 424  Message: 667

--- TS-850_450_690@yahoogroups.com wrote:
> Here's one just for fun. If you had to
> replace your current Kenwood rig, what
> would you replace it with?
> o Different model Kenwood
> o Brand Icom xxx
> o Brand Yaesu xxx

Maybe someone has pointed this out, but why were Ten-Tec, MFJ, SGC,
Elecraft, JRC, Ranger, and any other HF rig manufacturers omitted?
73,
Paul K4PDM

_____
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# 668. Re: New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-29 02:12:40 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 424  Message: 668

> Maybe someone has pointed this out, but why were Ten-Tec, MFJ, SGC,
> Elecraft, JRC, Ranger, and any other HF rig manufacturers omitted?
> 73,
> Paul K4PDM

Paul,
I was going to include a "other" selection but we would have never known what that brand would have been. The poll response doesn't allow you to enter any comments. I then thought about listing every manufacturer I could think of. If you have an answer other than those offered, by all means let the group know via a posting. It wasn't my intention to leave any particular manufacturer out, just attempting to see what others would consider if they had to buy a new rig. I have learned from my previous polss not to edit the question or answers as it resets the votes to zero!

Please let us know what your choice would be.

Max

# 669. TS 450 battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-29 04:17:26 UTC
From: Larry Nixon <lfnca@yahoo.ca>
Topic: 669  Message: 669

Hey all

going to get working on the 450 back-up battery. I have two options with questions...

1 - run wires from the board to a holder which I can tuck in the space betside the ATU at the back of the radio. - This would make future battery replacements easier but is there a danger of RF running along the wires, getting into the board and messing things up?

or

2 - try to fit a battery holder onto the board. - has anyone gone this route and does a holder "fit' once the face is put back on?

Thanks in advance for any and all replies

Larry VE7LFN

# 670. Re: TS 450 battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-29 05:07:37 UTC
From: rsakabu <rsakabu@pwav.com>
Topic: 669  Message: 670

--- In TS-850_450_690@yahoogroups.com, "Larry Nixon <lfnca@y...>"
<lfnca@y...> wrote:
> Hey all
>
> going to get working on the 450 back-up battery. I have two options
> with questions...
>
> 1 - run wires from the board to a holder which I can tuck in the
> space betside the ATU at the back of the radio. - This would make
> future battery replacements easier but is there a danger of RF
> running along the wires, getting into the board and messing things
up?
>
> or
>
> 2 - try to fit a battery holder onto the board. - has anyone gone
> this route and does a holder "fit' once the face is put back on?
>
> Thanks in advance for any and all replies
>
> Larry VE7LFN

Hello Larry,
Either option should work. I have not found the wires to be a
problem. My temporary set up ran wires all the way to the outside
rear of the rig to a velcro mounted AA battery holder. There are a
couple of decoupling capacitors between the battery and the RAM so
they probably cleaned up any ripple. For a coin battery holder, you
could check the clearance yourself by simply removing both covers
from the rig, the top 2 screws that hold the front to the chassis,
and loosen the bottom screws (you don't need to remove them). You
can then simply pull the front away from the chassis and pivot it
down to get at the digital board and inspect the battery area.

To remove the old battery, you'll have to get to the back of the
digital board. To do this all you need to do is to remove the TOP
wire plugs and ribbon cables (be careful with those), then remove the
phillips head screws to the board and you can get to the back. If
you'd rather work on the board away from the rig, you can remove the
board entirely by pulling out the rest of the connectors and ribbon
cables off and the board comes out neatly. Fortunately, all the
wires and cables are cut so that there is almost no chance of mixing
things up.

Good luck
Roy

# 671. Welcome new member curtgetman

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-29 05:44:24 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 671  Message: 671

Welcome to the group. Please introduce yourself.

Max

# 672. Re: Welcome new member curtgetman

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-29 13:14:31 UTC
From: curtgetman <cgetman02@comcast.net>
Topic: 671  Message: 672

Hello Group,

I've been a ham for quite a few years now. Have been too busy to get on the air much. I had a TS-440SAT that I sold a few years ago. I really enjoyed that rig. I'm interested in getting back ham active and back on HF. I am investigating rig options.

I'm considering TS-440SAT, TS-450SAT, or TS-570DG. I have been watching ebay and eham and there appears to be some good rigs available for reasonable prices.

I am looking forward to the discussion here to help me make my decision.

Maybe a quick question would be in order. I suppose I could investigate this but, why not use all of your expertise! What are the differences between the TS-440SAT and TS-450SAT? They look to be very close in operational capabilites.

Thanks for the welcome!

Curt Getman N9GUJ

--- In TS-850_450_690@yahoogroups.com, "Max <ve3tmt@y...>" <ve3tmt@y...> wrote:
> Welcome to the group. Please introduce yourself.
>
> Max

# 673. Welcome new member K8KHZ

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-29 13:48:49 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 673  Message: 673

Hi Sean. Welcome to the group. Tell us a bit about yourself.

# 674. Re: Welcome new member curtgetman

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-29 14:43:36 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 671  Message: 674

Maybe a quick question would be in order. I suppose I could investigate this but, why not use all of your expertise! What are the differences between the TS-440SAT and TS-450SAT? They look to be very close in operational capabilites.

Thanks for the welcome!

Hi Curt,

Having owned both radios I feel qualified to answer your question. The TS440S was a great radio in its day, and when they worked, they worked great. But problems started popping up with the VCO circuits that were a nightmare to fix. In my opinion the TS450S is an entirely different radio. I don't think a single thing was "borrowed" from the TS440S. The transmit audio on the 450's is really good, and they have a good receiver. I recently sold mine because I had also purchased an TS850S and didn't need both. If you can swing a purchase on a used TS850S, you would be even happier. To sum it up, if I were in the market for either a 440 or a 450, I would go with th 450 no questions asked.

Max

# 675. Re: [TS-850_450_690] Re: DR U2 BATT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-29 14:58:34 UTC
From: Bill
Topic: 487  Message: 675

CONGRATULATIONS ROY!
"rsakabu <rsakabu@...>" <rsakabu@...> wrote:, but the RAM has been keeping it memory when the power is
removed.

Happy again,
Roy

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---
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[Non-text portions of this message have been removed]

# 676. Re: [TS-850_450_690] New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-29 15:28:07 UTC
From: Bill
Topic: 424  Message: 676

Good question!
I would go with the FT-1000MP with ALL the filters it would hold. Had one in the other day, had 1400 bux worth of filters for just about every bandwidth. Sounded absolutely gorgeous. And, it was only the third FT-1000 I have ever had in my shop.. compare to over 225 ts-440s's!!!
BUT if my budget were limited (and whose isn't??), I would replace with same rig, then work 'er over like I did mine and put in all the mods again.
b
TS-850_450_690@yahoogroups.com wrote:
Enter your vote today! A new poll has been created for the
TS-850_450_690 group:

Here's one just for fun. If you had to
replace your current Kenwood rig, what
would you replace it with?

o Same rig
o Different model Kenwood
o Brand Icom xxx
o Brand Yaesu xxx
o I'd never be able to operate HF again!

To vote, please visit the following web page:

http://groups.yahoo.com/group/TS-850_450_690/surveys?id=11005333

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

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# 677. Re: [TS-850_450_690] TS-850 antenna tuner noise?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-29 15:31:10 UTC
From: Bill
Topic: 661  Message: 677

Put a drop of good old 10W sewing machine oil on the gear bushings.
If you use your tuner a lot, the capacitor bushings can wear out. bud's had worn to the point that the plates were touching and one cap had to be replaced. I have pics of the tuner ass'y apart, if anyone gets lost.
b
"Paul B. Peters, VE7AVV" <ve7avv@...> wrote:One of my 850's appears to have developed a noisy antenna tuner. When
switching from band to band with the tuner in the Auto position, there is a high-pitched squeak or squeal that I think is coming from the tuner -- could this be? The noise just began and so until I figure out what is going on, I've put the tuner in the Thru position. Band changes with the tuner out of the circuit are normal -- so it's definitely the tuner that's making the noise.

It sounds like the mechanism in the tuner is dry -- any ideas?

73 de Paul, VE7AVV
StoneyGround Station
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
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# 678. Re: [TS-850_450_690] DRU2 Batt

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-29 15:49:21 UTC
From: Bill
Topic: 662  Message: 678

CONGRATULATIONS GEORGE!
b
"george <g.bromfield@...>" <g.bromfield@...> wrote:I had a problem with dru2 this time I made sure the dru2 was not
earthed as bill addvised me all is ok mow thanks to bill
George g0mit

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# 679. Re: [TS-850_450_690] New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-29 15:53:06 UTC
From: Bill
Topic: 424  Message: 679

With the possible exception of some of the TenTec line, none of these are even on a par with the 850.
b
Paul Manuel <k4pdm@...> wrote:--- TS-850_450_690@yahoogroups.com wrote:
> Here's one just for fun. If you had to
> replace your current Kenwood rig, what
> would you replace it with?
> o Different model Kenwood
> o Brand Icom xxx
> o Brand Yaesu xxx

Maybe someone has pointed this out, but why were Ten-Tec, MFJ, SGC, Elecraft, JRC, Ranger, and any other HF rig manufacturers omitted?
73,
Paul K4PDM

---
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# 680. Re: [TS-850_450_690] TS 450 battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-29 16:41:20 UTC
From: Bill
Topic: 669  Message: 680

Larry, while I understand your desire for a quick change battery solution, I prefer to solder in the original equipment type battery.
How long did the original last, do you think you might have a problem with short battery life?
Bill
"Larry Nixon <lfnca@...>" <lfnca@...> wrote:Hey all

going to get working on the 450 back-up battery. I have two options
with questions...

1 - run wires from the board to a holder which I can tuck in the
space betside the ATU at the back of the radio. - This would make
future battery replacements easier but is there a danger of RF
running along the wires, getting into the board and messing things up?

or

2 - try to fit a battery holder onto the board. - has anyone gone
this route and does a holder "fit' once the face is put back on?

Thanks in advance for any and all replies

Larry VE7LFN

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# 681. Re: [TS-850_450_690] Re: Welcome new member curtgetman

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-29 16:46:09 UTC
From: Bill
Topic: 671  Message: 681

Do you have a space consideration? If not, look at the TS-850. Much better receiver than any of these other guys.
The 450 will give you some of the advantages of the 850 and has a very nice front panel. The tuner is much faster than the one in the 440 and the 450 does not have as many problems as the 440 can have. The 570 has been getting "ho hum" reports, in terms of not really bringing anything new to the table except 6M in the D model, and a cushy rubber feel keypad (which I detest, some guys love 'em).
I have an 850 and would not trade it, even with cash, for any of the other models.
b
"curtgetman <cgetman02@...>" <cgetman02@...> wrote:Hello Group,

I've been a ham for quite a few years now. Have been too busy to get on the air much. I had a TS-440SAT that I sold a few years ago. I really enjoyed that rig. I'm interested in getting back ham active and back on HF. I am investigating rig options.

I'm considering TS-440SAT, TS-450SAT, or TS-570DG. I have been watching ebay and eham and there appears to be some good rigs available for reasonable prices.

I am looking forward to the discussion here to help me make my decision.

Maybe a quick question would be in order. I suppose I could investigate this but, why not use all of your expertise! What are the differences between the TS-440SAT and TS-450SAT? They look to be very close in operational capabilites.

Thanks for the welcome!

Curt Getman N9GUJ

--- In TS-850_450_690@yahoogroups.com, "Max <ve3tmt@y...>" <ve3tmt@y...> wrote:
> Welcome to the group. Please introduce yourself.
>
> Max

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# 682. Re: [TS-850_450_690] Re: Welcome new member curtgetman

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-29 17:12:36 UTC
From: Zack Widup
Topic: 671  Message: 682

On Sun, 29 Dec 2002, curtgetman <cgetman02@...> wrote:

> Hello Group,
>
> I've been a ham for quite a few years now. Have been too busy to get
> on the air much. I had a TS-440SAT that I sold a few years ago. I
> really enjoyed that rig. I'm interested in getting back ham active
> and back on HF. I am investigating rig options.
>
> I'm considering TS-440SAT, TS-450SAT, or TS-570DG. I have been
> watching ebay and eham and there appears to be some good rigs
> available for reasonable prices.
>
> I am looking forward to the discussion here to help me make my
> decision.
>
> Maybe a quick question would be in order. I suppose I could
> investigate this but, why not use all of your expertise! What are
> the differences between the TS-440SAT and TS-450SAT? They look to be
> very close in operational capabilites.
>
> Thanks for the welcome!
>
> Curt Getman N9GUJ
>

The TS-450, although the same size as the TS-440, is really not the same rig at all. Some of the features of the TS-850 have been incorporated into the TS-450.

I have had my TS-850 for about 6 months now and I'd recommend you get one if you can afford it. It's an outstanding rig and is still favored by contesters. They seem to be going for around $750 on average now. I paid $900 for mine but it's in absolutely mint condition and is loaded. I may get the ICE filters some day but the performance has been great for me so far, especially in contests.

I also have a TS-440 that is a standby rig now. I did the corrections for the glue that is put on the VCO board. It was a big pain but was worth it. I worked as an electronics tech for 10 years and this same glue was always a problem whenever it was used. One model of VCR in particular used it on a DC-DC converter board. When they discovered the problems it caused, they supplied a repair kit for it. But I took that VCO board out of my TS-440, removed EVERY component a few at a time, and cleaned all the glue off. I replaced a couple damaged parts and put it all back together. I haven't had any trouble with it since.

I didn't see any glue in the TS-850, so I think they got away from using it.

73 & HNY, Zack W9SZ

# 683. New Member again!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-29 20:50:32 UTC
From: Bill Leahy <coorsbill@yahoo.com>
Topic: 683  Message: 683

Welcome PA7TWO! cool callsign. Please introduce yourself.

73!

Bill

# 684. sound gear

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 00:17:40 UTC
From: Sean D. Fleming <sean@k8khz.com>
Topic: 684  Message: 684

Hi there I am Sean FLeming K8KHZ. I am a new owner of a TS-850. I am looking for a DSP-100. Also I am wonder does the old Hiel Classic sound better than a Heil Goldline? Anyone hear them both. Anyhow. I am a contester too. that is all read more about me at http://www.k8khz.com thank you all.

-Sean

# 685. Re: TS 450 battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 00:46:35 UTC
From: w4jz <w4jz@aol.com>
Topic: 669  Message: 685

--- > "Larry Nixon <lfnca@y...>" <lfnca@y...> wrote:Hey all
>
> going to get working on the 450 back-up battery. I have two options
> with questions...
>
> 1 - run wires from the board to a holder which I can tuck in the
> space betside the ATU at the back of the radio. - This would make
> future battery replacements easier but is there a danger of RF
> running along the wires, getting into the board and messing things
up?
>
> or
>
> 2 - try to fit a battery holder onto the board. - has anyone gone
> this route and does a holder "fit' once the face is put back on?
>
> Thanks in advance for any and all replies
>
> Larry VE7LFN

Larry, last summer I installed a battery holder in my 450 & best I can remember I mounted mine at a opening space up front near the ATU. I wrapped it with electrical tape to prevent any shorts. The holder I used came from Radio Shack & I used a PC mount holder which is smaller. I did not have any problems with RFI getting back into radio.

The original battery was still good, but had just begun to corrode. I read this somewhere on the web that this was a common problem with the original batteries used in the 450. I did this to keep this from happening again.

Reed W4JZ

# 686. Re: [TS-850_450_690] sound gear

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 08:36:12 UTC
From: The SixManiac
Topic: 684  Message: 686

Hi Sean,

I am a proud owner of the same combination, a TS850+DSP100, the best combination ever! The DSP100 creates a third IF stage filtering,, so a combination of analog and digital filtering in IF stage=UFB!!. Most modern rigs filter only DSP in IF stage or only analog filtering + DSP in LF only.

regards,

Kees - PA7TWO

sean@... wrote:

> Hi there I am Sean FLeming K8KHZ. I am a new owner of a TS-850. I am
> looking for a DSP-100. Also I am wonder does the old Hiel Classic
> sound better than a Heil Goldline? Anyone hear them both. Anyhow. I
> am a contester too. that is all read more about me at
> http://www.k8khz.com thank you all.
>
> -Sean
>
>
> THANKS FOR USING TS-850_450_690@...
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--
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[Non-text portions of this message have been removed]

# 687. Re: [TS-850_450_690] sound gear

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 08:38:42 UTC
From: The SixManiac
Topic: 684  Message: 687

> Hi Sean,
>
> I am a proud owner of the same combination, a TS850+DSP100, the best
> combination ever! The DSP100 creates a third IF stage filtering,, so a
> combination of analog and digital filtering in IF stage=UFB!!. Most
> modern rigs filter only DSP in IF stage or only analog filtering + DSP
> in LF only.
>
> regards,
>
> Kees - PA7TWO
>
>
>
> sean@... wrote:
>
> > Hi there I am Sean FLeming K8KHZ. I am a new owner of a TS-850. I am
> > looking for a DSP-100. Also I am wonder does the old Hiel Classic
> > sound better than a Heil Goldline? Anyone hear them both. Anyhow. I
> > am a contester too. that is all read more about me at
> > http://www.k8khz.com thank you all.
> >
> > -Sean
> >
> >
> > THANKS FOR USING TS-850_450_690@...
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>
> --
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> Experience the convenience of buying online with Shop@Netscape!
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>
>
>
> [Non-text portions of this message have been removed]
>
>
> THANKS FOR USING TS-850_450_690@...
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--
Your favorite stores, helpful shopping tools and great gift ideas.
Experience the convenience of buying online with Shop@Netscape!
http://shopnow.netscape.com/

[Non-text portions of this message have been removed]

# 688. Re: New Member again!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 11:57:49 UTC
From: pa7two <pa7two@netscape.net>
Topic: 683  Message: 688

Hi all,

Let me introduce myself a little:

I am Kees PA7TWO/M5TWO, I live in The Netherlands, in a small town nearby Schiphol Airport Amsterdam named Hoofddorp and 35 years of age. Married to my lovely wife Antoinette and have two kids Keesje my son and Anna my daughter.
I am a licensed radio ham since 1991 as CEPT class II (30 MHz and up) have a DXCC USB on 50MHz and since I took the full CW exam back in Englast last year August during a short holyday, I have a full HF license, with no restrictions on power (400 watt max.) nor modes.

My Dutch license is "PA7TWO" (vanity callsign) and my British callsign is "M5TWO" (also restricted vanity callsign, M5 callsign is closed).

I am very active on 28/21 and 14 MHz bands and I enjoy the most the ten meter band.

My radio's are a KWD ts690sat+DSP100 unit for solely use of 50MHz and a ts850sat+DSP100 for HF usage. Antenna is on 50 MHz 2 x 5 elements homebrew and on HF (28/21 and 14MHz) a small Mini Quad beam , also home made, original design from Q1, an USA brand.

I hope to read many postings regarding these fb KWD transceivers and if you gents have any questions, please raise them.

Vy 73, de Kees - PA7TWO/M5TWO.

--- In TS-850_450_690@yahoogroups.com, "Bill Leahy <coorsbill@y...>" <coorsbill@y...> wrote:
> Welcome PA7TWO! cool callsign. Please introduce yourself.
>
> 73!
>
> Bill

# 689. ATU on the TS690 and SWR issue.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 12:21:00 UTC
From: The SixManiac
Topic: 689  Message: 689

Dear all,

Okay my first question for this group:

Sometimes when I tune my ATU in my KWD ts690sat I see that the SWR is not always 1:1:1. Instead sometimes 4 digits of the SWR meter are displayed and when I re-tune on the same frequency (some time I need to do this a couple of times), the SWR is 1:1:1.
This phenomenon appears mostly on the 14MHz band.

A local dealer told me to tighten all screws in the PA board (actually I did that on all screws in the whole tranceiver) and indeed the SWR is slightly better and this phenomenon appears much less often.

I read in the service manual that the ATU stops tuning at the arte of 1:1:2 or better. I checked the settings for the SWR meter, all seems to be according to the specifications.

Who can help me? Are these higher SWR readings normal? Have other users actually the same behavior on their ts690sat? (in other words, do I worry to much?)

Vy 73, de Kees PA7TWO / M5TWO.

# 690. Filter wanted. (455kHz slot)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 12:39:04 UTC
From: The SixManiac
Topic: 690  Message: 690

Hi all,

Wanted is a KWD 2.4kHz SSB (crystal) filter for the 455kHz filter slot
in my KWD TS690.

Please your offers to: pa7two@...

Vy 73, de Kees - PA7TWO.

[Non-text portions of this message have been removed]

# 691. Welcome new member N4QDE

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 13:17:18 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 691  Message: 691

Welcome to the group Larry, that's a nice lineup of gear you have.
At one time or another I've owned 'em all. Traded my TS711 to get my
TS850. Luckily I found a 2m transverter to get back on 2m SSB!

Max

# 693. Re: [TS-850_450_690] sound gear

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 13:47:35 UTC
From: Bill
Topic: 684  Message: 693

Congrats on the radio! Keep eye on ebay for DSP100, but you will probably get a better deal if you can find and jump on a ham classified listing, as in eham.net or similar.
On the mics, you will do well with either one, I hear a lot of Goldlines on the air and they sound fantastic. If I had the money, that is the one mic I would buy.
b
"Sean D. Fleming <sean@...>" <sean@...> wrote:Hi there I am Sean FLeming K8KHZ. I am a new owner of a TS-850. I am
looking for a DSP-100. Also I am wonder does the old Hiel Classic
sound better than a Heil Goldline? Anyone hear them both. Anyhow. I
am a contester too. that is all read more about me at
http://www.k8khz.com thank you all.

-Sean

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[Non-text portions of this message have been removed]

# 696. Re: [TS-850_450_690] Re: New Member again!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 15:03:38 UTC
From: Bill
Topic: 683  Message: 696

Thank you Kees, for the interesting introduction! You have a fine station, and a fine family there. Both will bring you great joy in the coming year, I pray.
73!
Bill
"pa7two <pa7two@...>" <pa7two@...> wrote:Hi all,

Let me introduce myself a little:

I am Kees PA7TWO/M5TWO, I live in The Netherlands, in a small town nearby Schiphol Airport Amsterdam named Hoofddorp and 35 years of age. Married to my lovely wife Antoinette and have two kids Keesje my son and Anna my daughter.
I am a licensed radio ham since 1991 as CEPT class II (30 MHz and up) have a DXCC USB on 50MHz and since I took the full CW exam back in Englast last year August during a short holyday, I have a full HF license, with no restrictions on power (400 watt max.) nor modes.

My Dutch license is "PA7TWO" (vanity callsign) and my British callsign is "M5TWO" (also restricted vanity callsign, M5 callsign is closed).

I am very active on 28/21 and 14 MHz bands and I enjoy the most the ten meter band.

My radio's are a KWD ts690sat+DSP100 unit for solely use of 50MHz and a ts850sat+DSP100 for HF usage. Antenna is on 50 MHz 2 x 5 elements homebrew and on HF (28/21 and 14MHz) a small Mini Quad beam , also home made, original design from Q1, an USA brand.

I hope to read many postings regarding these fb KWD transceivers and if you gents have any questions, please raise them.

Vy 73, de Kees - PA7TWO/M5TWO.

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[Non-text portions of this message have been removed]

# 697. Re: [TS-850_450_690] ATU on the TS690 and SWR issue.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 15:06:32 UTC
From: Bill
Topic: 689  Message: 697

Kees, I would not worry about this... If a tuner stops at 1.5:1 or better, it's fine, and because it is a linear system, it is not exactly repeatable.
Only other suggestion would be to make sure rig and PS are grounded. I would also remove the negative lead fuse, unless you are in a mobile with the rig plus and minus connected directly to the battery; that is the only time you ever need to fuse the negative lead for safety. Any other time, it's using up between 0.8 and 1.5 volts and potentially causing problems.
b
The SixManiac <pa7two@...> wrote:Dear all,

Okay my first question for this group:

Sometimes when I tune my ATU in my KWD ts690sat I see that the SWR is not always 1:1:1. Instead sometimes 4 digits of the SWR meter are displayed and when I re-tune on the same frequency (some time I need to do this a couple of times), the SWR is 1:1:1.
This phenomenon appears mostly on the 14MHz band.

A local dealer told me to tighten all screws in the PA board (actually I did that on all screws in the whole tranceiver) and indeed the SWR is slightly better and this phenomenon appears much less often.

I read in the service manual that the ATU stops tuning at the arte of 1:1:2 or better. I checked the settings for the SWR meter, all seems to be according to the specifications.

Who can help me? Are these higher SWR readings normal? Have other users actually the same behavior on their ts690sat? (in other words, do I worry to much?)

Vy 73, de Kees PA7TWO / M5TWO.

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[Non-text portions of this message have been removed]

# 698. Re: New Member again!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 15:18:25 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 683  Message: 698

> My radio's are a KWD ts690sat+DSP100 unit for solely use of 50MHz
and
> a ts850sat+DSP100 for HF usage. Antenna is on 50 MHz 2 x 5 elements
> homebrew and on HF (28/21 and 14MHz) a small Mini Quad beam , also
> home made, original design from Q1, an USA brand.

Wow Kees, two DSP-100's! I will be lucky to find one here for my 850!
Sounds like you have a nice family. I am 38 years old, with 2 kids,
a son 10 (still learning CW!) and a daughter 17 (need I say more!).
My wife and I have been married going on 13 years, although we have
been together 18 years. She has learned to tolerate my ham radio
hobby.

Best of the new year to all the members.

Max

# 699. Re: [TS-850_450_690] Re: Welcome new member N4QDE

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 15:18:45 UTC
From: Bill
Topic: 691  Message: 699

We have so many new members, some confusion was inevitable!
Hey Max, thanks for helping to moderate this fine group! Waiting anxiously for everyone's HAPPY NEW YEAR message!
Here is mine:
Our pastor talked about "New Year's resolutions" and the futility thereof. Indeed, any New Year's resolution based on our will to do or not do something is doomed to failure, because we fail. It seems as though, as soon as I deem NOT to do something, there I am doing it! (See Romans, chapter 7). This leads to a great deal of frustration and guilt, which starts the whole cycle over again. So, what is one to do? Well here is an idea. Instead of making promises to do this, or not do that, why not just pray for spiritual growth and maturity? And let God take it from there. So much easier! I find that as I grow in my faith, that God provides the nourishment and actually helps me to change from the INSIDE OUT. This philosophy will work for you, no matter what religion you are. The fact is, if you rely on your own strength, you are bound for failure, but if you look outside yourself, you will have success.
Another approach, is to honestly evaluate what your purpose in life is. Is it to grab all you can? Do it your way? Watch out for number one? or is it to focus on others? To GIVE it all away, to satisfy others before yourself? Most religions teach selflessness. Why is it then, that it seems like the whole world just wants to push and shove it's way to the top? Because it's NATURAL to do that. Animals do that (just try feeding two dogs with one dish, and watch what happens!). But we are not animals. We are men and women, and we are different. When we focus on others, rather than ourselves, we are inherently happier. Isn't that the goal, to be happy in life? Then, GIVE IT AWAY, whether "IT" is your time, money, energy or other resource. In the end, you will GAIN much more than you GAVE.
May you all have a HAPPY and PROSPEROUS New Year, and may we all learn more how to GIVE IT AWAY. Vy 73!
Bill and Bonnie, K0ZL and KB0HTC
"Max <ve3tmt@...>" <ve3tmt@...> wrote:--- In TS-850_450_690@yahoogroups.com, The SixManiac <pa7two@n...>
wrote:
> Hi OM Max,
>
> Thanks a lot, but my name is Kees....not Larry hihihi. No problem!
O yes
> I love my two rigs, have a TS790 for VHF/UHF as well.
>
> Vy 73, de Kees - PA7TWO

Hi Kees,

Welcome to the group. however my other posting was directed to Larry
N4QDE, another recent new member.

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[Non-text portions of this message have been removed]

# 700. Re: [TS-850_450_690] Re: New Member again!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 15:26:50 UTC
From: Bill
Topic: 683  Message: 700

Kees, it sounds like Max is trying to talk you out of one of the DSP-100s!!!
hehe
Happy New Year Max!
Bill
"Max <ve3tmt@...>" <ve3tmt@...> wrote:
> My radio's are a KWD ts690sat+DSP100 unit for solely use of 50MHz
and
> a ts850sat+DSP100 for HF usage. Antenna is on 50 MHz 2 x 5 elements
> homebrew and on HF (28/21 and 14MHz) a small Mini Quad beam , also
> home made, original design from Q1, an USA brand.

Wow Kees, two DSP-100's! I will be lucky to find one here for my 850!
Sounds like you have a nice family. I am 38 years old, with 2 kids,
a son 10 (still learning CW!) and a daughter 17 (need I say more!).
My wife and I have been married going on 13 years, although we have
been together 18 years. She has learned to tolerate my ham radio
hobby.

Best of the new year to all the members.

Max

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[Non-text portions of this message have been removed]

# 701. Re: [TS-850_450_690] ATU on the TS690 and SWR issue.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 15:52:31 UTC
From: The SixManiac
Topic: 689  Message: 701

Hi OM Bill,

Thanks for the info, new one for me about the negative lead fuse. Will remove it!

Vy 73, de Kees - PA7TWO.

**********

coorsbill@... wrote:

>
> Kees, I would not worry about this... If a tuner stops at 1.5:1 or
> better, it's fine, and because it is a linear system, it is not
> exactly repeatable.
> Only other suggestion would be to make sure rig and PS are grounded. I
> would also remove the negative lead fuse, unless you are in a mobile
> with the rig plus and minus connected directly to the battery; that is
> the only time you ever need to fuse the negative lead for safety. Any
> other time, it's using up between 0.8 and 1.5 volts and potentially
> causing problems.
> b
> The SixManiac <pa7two@...> wrote:Dear all,
>
> Okay my first question for this group:
>
> Sometimes when I tune my ATU in my KWD ts690sat I see that the SWR is
> not always 1:1:1. Instead sometimes 4 digits of the SWR meter are
> displayed and when I re-tune on the same frequency (some time I need to
> do this a couple of times), the SWR is 1:1:1.
> This phenomenon appears mostly on the 14MHz band.
>
> A local dealer told me to tighten all screws in the PA board (actually I
> did that on all screws in the whole tranceiver) and indeed the SWR is
> slightly better and this phenomenon appears much less often.
>
> I read in the service manual that the ATU stops tuning at the arte of
> 1:1:2 or better. I checked the settings for the SWR meter, all seems to
> be according to the specifications.
>
> Who can help me? Are these higher SWR readings normal? Have other users
> actually the same behavior on their ts690sat? (in other words, do I
> worry to much?)
>
> Vy 73, de Kees PA7TWO / M5TWO.
>

>
>
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[Non-text portions of this message have been removed]

# 702. Re: [TS-850_450_690] Re: New Member again!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 15:56:05 UTC
From: The SixManiac
Topic: 683  Message: 702

Hi OM Max,

Yeah a good friend (PA1HR) of me traveled to Friedrikshaven in Germany early this year (biggest ham event in Europe) and got me an extra DSP-100 unit, from an Italian radio HAM. Here in PA they are very very rare and very expensive. New units are not available anymore.

Vy 73, de Kees - PA7TWO-M5TWO

**********

ve3tmt@... wrote:

> 
> > My radio's are a KWD ts690sat+DSP100 unit for solely use of 50MHz
> and
> > a ts850sat+DSP100 for HF usage. Antenna is on 50 MHz 2 x 5 elements
> > homebrew and on HF (28/21 and 14MHz) a small Mini Quad beam , also
> > home made, original design from Q1, an USA brand.
> 
> Wow Kees, two DSP-100's! I will be lucky to find one here for my 850!
> Sounds like you have a nice family. I am 38 years old, with 2 kids,
> a son 10 (still learning CW!) and a daughter 17 (need I say more!).
> My wife and I have been married going on 13 years, although we have
> been together 18 years. She has learned to tolerate my ham radio
> hobby.
> 
> Best of the new year to all the members.
> 
> Max
> 
> 
> THANKS FOR USING TS-850_450_690@...
> 
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[Non-text portions of this message have been removed]

# 703. Re: [TS-850_450_690] Re: New Member again!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 19:45:56 UTC
From: Jim ve3mij
Topic: 683  Message: 703

Now that would be a cool project...

Build an IF DSP! Any EE's out there, up to the task?

Parts are cheap but the software isn't.... hihi

----- Original Message -----
From: "The SixManiac" <pa7two@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, December 30, 2002 10:56 AM
Subject: Re: [TS-850_450_690] Re: New Member again!

> Hi OM Max,
>
> Yeah a good friend (PA1HR) of me traveled to Friedrikshaven in Germany
> early this year (biggest ham event in Europe) and got me an extra
> DSP-100 unit, from an Italian radio HAM. Here in PA they are very very
> rare and very expensive. New units are not available anymore.
>
> Vy 73, de Kees - PA7TWO-M5TWO

# 704. Re: New Member again!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 20:40:52 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 683  Message: 704

--- In TS-850_450_690@yahoogroups.com, "Jim ve3mij" <ve3mij@r...>
wrote:
> Now that would be a cool project...
>
> Build an IF DSP! Any EE's out there, up to the task?
>
> Parts are cheap but the software isn't.... hihi

How true Jim. Nice thing is the 850 has the inputs and outputs
already there! I asked Santa for a DSP-100 but I guess the elves just
didn't have time to make me one.

# 705. Poll results for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 20:41:50 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 705  Message: 705

The following TS-850_450_690 poll is now closed. Here are the
final results:

POLL QUESTION: Here's one just for fun. If you had to
replace your current Kenwood rig, what
would you replace it with?

CHOICES AND RESULTS
- Same rig, 1 votes, 9.09%
- Different model Kenwood, 6 votes, 54.55%
- Brand Icom xxx, 1 votes, 9.09%
- Brand Yaesu xxx, 3 votes, 27.27%
- I'd never be able to operate HF again!, 0 votes, 0.00%

INDIVIDUAL VOTES
- Same rig
- smatda@...
- Different model Kenwood
- serazin@...
- k5lk@...
- ve3mij@...
- ve3tmt@...
- atravelingmann@...
- aia@...
- Brand Icom xxx
- budt@...
- Brand Yaesu xxx
- samalex@...
- lfnca@...
- coorsbill@...
- I'd never be able to operate HF again!

For more information about this group, please visit
http://groups.yahoo.com/group/TS-850_450_690

For help with Yahoo! Groups, please visit
http://help.yahoo.com/help/us/groups/

# 706. Re: [TS-850_450_690] Poll results for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 20:56:46 UTC
From: Jim ve3mij
Topic: 706  Message: 706

Funny enough, when I did this, I was thinking about remote control capabilities that are missing in the 850... Then I watched the discussion of RX performance... Maybe I'd look for another 850 after all!

----- Original Message -----
From: <TS-850_450_690@yahoogroups.com>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, December 30, 2002 3:41 PM
Subject: [TS-850_450_690] Poll results for TS-850_450_690

>
> The following TS-850_450_690 poll is now closed. Here are the
> final results:
>
>
> POLL QUESTION: Here's one just for fun. If you had to
> replace your current Kenwood rig, what
> would you replace it with?
>
> CHOICES AND RESULTS
> - Same rig, 1 votes, 9.09%
> - Different model Kenwood, 6 votes, 54.55%
> - Brand Icom xxx, 1 votes, 9.09%
> - Brand Yaesu xxx, 3 votes, 27.27%
> - I'd never be able to operate HF again!, 0 votes, 0.00%
>
> INDIVIDUAL VOTES
> - Same rig
> - smatda@...
> - Different model Kenwood
> - serazin@...
> - k5lk@...
> - ve3mij@...
> - ve3tmt@...
> - atravelingmann@...
> - aia@...
> - Brand Icom xxx
> - budt@...
> - Brand Yaesu xxx
> - samalex@...
> - lfnca@...
> - coorsbill@...
> - I'd never be able to operate HF again!
>
>

> For more information about this group, please visit
> http://groups.yahoo.com/group/TS-850_450_690
>
> For help with Yahoo! Groups, please visit
> http://help.yahoo.com/help/us/groups/
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# 707. Re: [TS-850_450_690] ATU on the TS690 and SWR issue.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2002-12-30 21:07:02 UTC
From: Bill
Topic: 689  Message: 707

I cut these out and lap solder the two wires, using a piece of #22 or so wrapped around the lap joint to hold the wires for me, then heat-shrink.
Again, the only time you need a negative lead fuse is in the mobile, when running the power leads from the radio to the battery terminals. Not needed at home.
73!
Bill
The SixManiac <pa7two@...> wrote:Hi OM Bill,

Thanks for the info, new one for me about the negative lead fuse. Will
remove it!

Vy 73, de Kees - PA7TWO.

**********

coorsbill@... wrote:

>
> Kees, I would not worry about this... If a tuner stops at 1.5:1 or
> better, it's fine, and because it is a linear system, it is not
> exactly repeatable.
> Only other suggestion would be to make sure rig and PS are grounded. I
> would also remove the negative lead fuse, unless you are in a mobile
> with the rig plus and minus connected directly to the battery; that is
> the only time you ever need to fuse the negative lead for safety. Any
> other time, it's using up between 0.8 and 1.5 volts and potentially
> causing problems.
> b
> The SixManiac <pa7two@...> wrote:Dear all,
>
> Okay my first question for this group:
>
> Sometimes when I tune my ATU in my KWD ts690sat I see that the SWR is
> not always 1:1:1. Instead sometimes 4 digits of the SWR meter are
> displayed and when I re-tune on the same frequency (some time I need to
> do this a couple of times), the SWR is 1:1:1.
> This phenomenon appears mostly on the 14MHz band.
>
> A local dealer told me to tighten all screws in the PA board (actually I
> did that on all screws in the whole tranceiver) and indeed the SWR is
> slightly better and this phenomenon appears much less often.
>
> I read in the service manual that the ATU stops tuning at the arte of
> 1:1:2 or better. I checked the settings for the SWR meter, all seems to
> be according to the specifications.
>

> Who can help me? Are these higher SWR readings normal? Have other users
> actually the same behavior on their ts690sat? (in other words, do I
> worry to much?)
>
> Vy 73, de Kees PA7TWO / M5TWO.
>
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> THANKS FOR USING TS-850_450_690@...
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> see our website www.amateur-repairs.com
>
>
>
> ---------------------------------
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>
>
> THANKS FOR USING TS-850_450_690@...
>
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[Non-text portions of this message have been removed]

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see our website www.amateur-repairs.com

---
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[Non-text portions of this message have been removed]

# 708. HAPPY 2003

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-01 00:27:10 UTC
From: Stu
Topic: 708  Message: 708

happy new year
Stu mm0bsm and Family

# 709. (no subject)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-01 02:02:24 UTC
From: Bill Leahy <coorsbill@yahoo.com>
Topic: 709  Message: 709

Welcome KA3WED to our group!

Please intoduce yourself OM.

73

Bill K0ZL

# 710. Welcome N6RZR

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-01 16:53:23 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 710  Message: 710

Welcome to the group, please introduce yourself.

# 711. Happy New Year

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-01 16:54:09 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 711  Message: 711

Happy New Year to everyone.

Max Donoghue VE3TMT and family.

# 712. New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-02 16:49:23 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 424  Message: 712

Enter your vote today! A new poll has been created for the
TS-850_450_690 group:

If Kenwood were to introduce a small
portable QRP radio to compete with the
Yaesu FT817, what features would you
like to see most?

o All mode operation
o All HF bands
o Plug-in band modules
o Internal batteries compartment
o External power capability
o Built in speech processor
o Large LCD Display
o Variable power output
o VHF/UHF bands included
o Kenwood Audio!
o Built-in tuner
o Built-in keyer
o I'm not a QRP fan

To vote, please visit the following web page:

http://groups.yahoo.com/group/TS-850_450_690/surveys?id=11009405

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

# 713. Re: TS 450 battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-02 23:20:19 UTC
From: Larry Nixon <lfnca@yahoo.ca>
Topic: 669  Message: 713

Thanks to all who answered my questions about the 450 battery replacement.

Ended up going the "remote mount" route. Picked up two smaller batteries with holders at RS. Did two 450's and ran wires back to the space by the ATU in one and over to the speaker area in the other. Wrapped holders in tape to prevent shorting. Happy to say that both have survived the operation, although I would definately recommend using a static strap and an ESD safe solder station.

Both radios were about ten years old. The battery was fine in one but had started to leak and corrode the board in the other (mine). Fortunately the corrosion was not too bad, guess I caught it in time!

I have also written the date and battery type on the bottom of the radios so myself or future owners will know when and what.

Larry VE7LFN

# 714. Re: TS 450 battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-02 23:22:15 UTC
From: Larry Nixon <lfnca@yahoo.ca>
Topic: 669  Message: 714

Thanks to all who answered my questions about the 450 battery replacement.

Ended up going the "remote mount" route. Picked up two smaller batteries with holders at RS. Did two 450's and ran wires back to the space by the ATU in one and over to the speaker area in the other. Wrapped holders in tape to prevent shorting. Happy to say that both have survived the operation, although I would definately recommend using a static strap and an ESD safe solder station.

Both radios were about ten years old. The battery was fine in one but had started to leak and corrode the board in the other (mine). Fortunately the corrosion was not too bad, guess I caught it in time!

I have also written the date and battery type on the bottom of the radios so myself or future owners will know when and what.

Larry VE7LFN

# 715. Re: TS 450 battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-03 11:26:09 UTC
From: Clif <clif@avvid.com>
Topic: 669  Message: 715

My thoughts on the "remote battery placement".

If the battery needed to be replaced every year or so and took 2 hours I could understand the holder. But with a typical life of over 10 years and 30 minutes to replace it it doesn't make sense. The contacts of the holder will oxidize and cause intermittent connections that a soldered connection will not. This is something I have seen. Makes the radio do strange things.

$0.02 worth

Clif Holland
AVVid

--- In TS-850_450_690@yahoogroups.com, "Larry Nixon <lfnca@y...>" <lfnca@y...> wrote:
> Thanks to all who answered my questions about the 450 battery
> replacement.
>
> Ended up going the "remote mount" route. Picked up two smaller
> batteries with holders at RS. Did two 450's and ran wires back to the
> space by the ATU in one and over to the speaker area in the other.
> Wrapped holders in tape to prevent shorting. Happy to say that both
> have survived the operation, although I would definately recommend
> using a static strap and an ESD safe solder station.
>
> Both radios were about ten years old. The battery was fine in one but
> had started to leak and corrode the board in the other (mine).
> Fortunately the corrosion was not too bad, guess I caught it in time!
>
> I have also written the date and battery type on the bottom of the
> radios so myself or future owners will know when and what.
>
> Larry VE7LFN

# 716. Re: TS 450 battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-03 12:04:27 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 669  Message: 716

Being curious one day, I decided to check the battery in my 850. I discovered it is already in a holder. Was this normal in the 850's?

# 717. Re: TS 450 battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-03 14:04:35 UTC
From: Clif <avvidclif@yahoo.com>
Topic: 669  Message: 717

Nope. Soldered in.

Clif

--- In TS-850_450_690@yahoogroups.com, "ve3tmt <ve3tmt@y...>"
<ve3tmt@y...> wrote:
>
> Being curious one day, I decided to check the battery in my 850. I
> discovered it is already in a holder. Was this normal in the
850's?

# 718. Re: [TS-850_450_690] Re: TS 450 battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-03 14:17:51 UTC
From: Jim ve3mij
Topic: 669  Message: 718

Yup, bought my 850 new a couple of months after it came out. Soldered in
Battery, still the original.

Jim
----- Original Message -----
From: <avvidclif@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, January 03, 2003 9:04 AM
Subject: [TS-850_450_690] Re: TS 450 battery replacement

> Nope. Soldered in.
>
> Clif
>
> --- In TS-850_450_690@yahoogroups.com, "ve3tmt <ve3tmt@y...>"
> <ve3tmt@y...> wrote:
> >
> > Being curious one day, I decided to check the battery in my 850. I
> > discovered it is already in a holder. Was this normal in the
> 850's?
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 719. Re: TS 450 battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-03 14:28:16 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 669  Message: 719

Maybe I wasn't looking close enough. I do have on hand a replacement computer motherboard battery and holder just in case. I had thought about replacing the original with it as per a mod I read somewhere. I will however wait until the existing battery starts to go flaky. Haven't had any problems yet.

# 720. Hello to all !!.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-03 14:58:35 UTC
From: n4qde <wldn96@aeneas.net>
Topic: 720  Message: 720

I am a little tardy at sending this greeting message to all of you.i have finally gotten time to get in here and say a big HOWDY!!.hope you had a great christmas and have a happy new year.it appears my 850sat has a problem which has me baffled as to the possible culprit. i was operating on 40 mtrs,at full power(100watts),i noticed the alc level would go from no show to full scale at random.i checked the swr-it was ok,i listened in on the monitor function,my audio was brash sounding when the alc was at no show on scale and would momentarily disappear when the alc would max out on the scale.at the same time the rf power would show different levels of output.this problem appeared in ssb mode.i went to the am and fm mode and found a slightly different result-the alc and rf power output would slowly pulse or ramp up and down the meter scale.the transmitter now only puts out about 15 watts max.as i mentioned i was on 40 meters however,this problem occured on every band during my test.the antenna tuner works fine.in fact everything else works fine.can anyone tell me what to check.or if it should go back to kenwood??.i have a ts440sat as a back-up.but i sure am spoiled and miss my 850.thanks for your help in advance.Larry N4QDE 73!!

# 721. Re: Hello to all !!.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-03 16:03:13 UTC
From: rsakabu <rsakabu@pwav.com>
Topic: 720  Message: 721

--- In TS-850_450_690@yahoogroups.com, "n4qde <wldn96@a...>"
<wldn96@a...> wrote:
<snip>
i went to the am and fm mode and found a
> slightly different result-the alc and rf power output would slowly
> pulse or ramp up and down the meter scale.the transmitter now only
> puts out about 15 watts max.as i mentioned i was on 40 meters
> however,this problem occured on every band during my test.the antenna
> tuner works fine.in fact everything else works fine.can anyone tell
> me what to check.or if it should go back to kenwood??.i have a
> ts440sat as a back-up.but i sure am spoiled and miss my 850.thanks
> for your help in advance.Larry N4QDE 73!!

Hello Larry,
It looks like you have the infamous ALC voltage problem, you can
read more about it on:
http://n6tr.jzap.com/850repair.html

and a complete discription of how to fix it:
http://www.qsl.net/k0bx/ts850flu.htm

The fix is to either replace the DC/DC converter board (about $15), or
replace the surface mount parts (a couple of $ and more labor
intensive). Some people have even replaced the surface mount parts
with standard parts since there is apparently plenty of room around
the board to "dead bug" the parts onto the board.

73
Roy

# 722. Re: TS 450 battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-03 16:34:10 UTC
From: rsakabu <rsakabu@pwav.com>
Topic: 669  Message: 722

--- In TS-850_450_690@yahoogroups.com, "Clif <clif@a...>" <clif@a...>
wrote:
> My thoughts on the "remote battery placement".
>
> If the battery needed to be replaced every year or so and took 2
> hours I could understand the holder. But with a typical life of over
> 10 years and 30 minutes to replace it it doesn't make sense. The
> contacts of the holder will oxidize and cause intermittent
> connections that a soldered connection will not. This is something I
> have seen. Makes the radio do strange things.
>
> $0.02 worth
>
> Clif Holland
> AVVid
>

I know that soldering in wires would add 2 more connections that would possibly fail, but how about soldering wires to a battery with solder tabs and placing it someplace where leakage would not melt PC board traces like Larry did in the cavity next to the ATU? Removing the battery takes no more time than to unsolder one and quickly solder on a replacement.

I was pondering a little overkill by putting in a "monster" Lithium battery like a 1300mAh DL123 into the TS450. But with a shelf life of ~10 (+/-) years, it would be senseless to put a battery with 70+ years worth of current drain capacity since it will self discharge way before the RAM runs it down. On top of that, it just means more stuff to clean up if it ever does decide to leak. Sometime we just out-think ourselves :0

73
Roy

# 723. Re: TS 450 battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-03 23:25:43 UTC
From: Larry Nixon <lfnca@yahoo.ca>
Topic: 669  Message: 723

Lots of discussion on battery replacement :)

Could have got a direct replacement for the battery that was in the radio but the gods only know how much Kenwood would want for a replacement, plus shipping etc.... At least the tiny local hardware store stocks the battery I have used.

Ten years life was good for the battery but I have heard of them leaking in much less time.

larry

# 724. Re: [TS-850_450_690] Re: Hello to all !!.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-04 03:39:40 UTC
From: Bill
Topic: 720  Message: 724

When I replace these boards I put in 1/2 of a 22 pin dip socket, then the new board. Makes it a cinch to change it later. Wish we didn't have to!
bill
"rsakabu <rsakabu@...>" <rsakabu@...> wrote:--- In TS-850_450_690@yahoogroups.com, "n4qde <wldn96@a...>"
<wldn96@a...> wrote:
<snip>
i went to the am and fm mode and found a
> slightly different result-the alc and rf power output would slowly
> pulse or ramp up and down the meter scale.the transmitter now only
> puts out about 15 watts max.as i mentioned i was on 40 meters
> however,this problem occured on every band during my test.the antenna
> tuner works fine.in fact everything else works fine.can anyone tell
> me what to check.or if it should go back to kenwood??.i have a
> ts440sat as a back-up.but i sure am spoiled and miss my 850.thanks
> for your help in advance.Larry N4QDE 73!!

Hello Larry,
It looks like you have the infamous ALC voltage problem, you can
read more about it on:
http://n6tr.jzap.com/850repair.html

and a complete discription of how to fix it:
http://www.qsl.net/k0bx/ts850flu.htm

The fix is to either replace the DC/DC converter board (about $15), or
replace the surface mount parts (a couple of $ and more labor
intensive). Some people have even replaced the surface mount parts
with standard parts since there is apparently plenty of room around
the board to "dead bug" the parts onto the board.

73
Roy

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[Non-text portions of this message have been removed]

# 725. (no subject)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-05 00:34:38 UTC
From: Bill Leahy <coorsbill@yahoo.com>
Topic: 725  Message: 725

Welcome Alberto! Glad you found our group.

Introduce yourself my friend.

73,

Bill K0ZL

# 726. Re: [TS-850_450_690] New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-05 12:53:00 UTC
From: Paul Manuel
Topic: 424  Message: 726

--- Bill <coorsbill@...> wrote:
>
> With the possible exception of some of the TenTec line, none of these
> are even on a par with the 850.

Hey Bill,
That wasn't the point! I just was wanting all the bases covered.

I have started a new job and have not been able to check email all week,
thus the late post.

For the record, I'd choose another 850.
73,
Paul K4PDM

_____
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# 727. Poll results for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-05 16:32:17 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 705  Message: 727

The following TS-850_450_690 poll is now closed. Here are the final results:

POLL QUESTION: If Kenwood were to introduce a small portable QRP radio to compete with the Yaesu FT817, what features would you like to see most?

CHOICES AND RESULTS
- All mode operation, 7 votes, 11.48%
- All HF bands, 7 votes, 11.48%
- Plug-in band modules, 0 votes, 0.00%
- Internal batteries compartment, 4 votes, 6.56%
- External power capability, 7 votes, 11.48%
- Built in speech processor, 4 votes, 6.56%
- Large LCD Display, 5 votes, 8.20%
- Variable power output, 6 votes, 9.84%
- VHF/UHF bands included, 5 votes, 8.20%
- Kenwood Audio!, 6 votes, 9.84%
- Built-in tuner, 5 votes, 8.20%
- Built-in keyer, 4 votes, 6.56%
- I'm not a QRP fan, 1 votes, 1.64%

For more information about this group, please visit http://groups.yahoo.com/group/TS-850_450_690

For help with Yahoo! Groups, please visit http://help.yahoo.com/help/us/groups/

# 728. Re: Poll results for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-05 16:37:17 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 705  Message: 728

--- In TS-850_450_690@yahoogroups.com, TS-850_450_690@yahoogroups.com
wrote:
>
> The following TS-850_450_690 poll is now closed. Here are the
> final results:
>
>
> POLL QUESTION: If Kenwood were to introduce a small
> portable QRP radio to compete with the
> Yaesu FT817, what features would you
> like to see most?
>
> CHOICES AND RESULTS
> - All mode operation, 7 votes, 11.48%
> - All HF bands, 7 votes, 11.48%
> - Plug-in band modules, 0 votes, 0.00%
> - Internal batteries compartment, 4 votes, 6.56%
> - External power capability, 7 votes, 11.48%
> - Built in speech processor, 4 votes, 6.56%
> - Large LCD Display, 5 votes, 8.20%
> - Variable power output, 6 votes, 9.84%
> - VHF/UHF bands included, 5 votes, 8.20%
> - Kenwood Audio!, 6 votes, 9.84%
> - Built-in tuner, 5 votes, 8.20%
> - Built-in keyer, 4 votes, 6.56%
> - I'm not a QRP fan, 1 votes, 1.64%

Well, it looks like most of the respondents are looking for a Kenwood equivalent to Yaesu's FT897, with a few added features. Icom has the new IC-703, Yaesu has the '897, it might be Kenwoods turn to throw something new into the pot. I liked the features of the FT817, but I got rid of it because it was a little too small for my hands. I picked up a Patcomm PC-9000 in a trade, but have yet to give it a good tryout. Not enough hours in a day for ham radio I guess!

# 729. Re: [TS-850_450_690] New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-06 21:11:51 UTC
From: Bill
Topic: 424  Message: 729

I would too. The only rig that would eclipse the 850 would be a FT-1000MP with all the filters...
b
Paul Manuel <k4pdm@...> wrote:
--- Bill <coorsbill@...> wrote:
>
> With the possible exception of some of the TenTec line, none of these
> are even on a par with the 850.

Hey Bill,
That wasn't the point! I just was wanting all the bases covered.

I have started a new job and have not been able to check email all week,
thus the late post.

For the record, I'd choose another 850.
73,
Paul K4PDM

_____
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[Non-text portions of this message have been removed]

# 730. Welcome new member mahuf2002

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-07 13:01:17 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 730  Message: 730

Welcome to the group. Drop us a line and tell us a bit about yourself.

# 731. Welcome new member WB6POD

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-07 18:38:42 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 731  Message: 731

Welcome to the group, tell us a little about yourself.

Thank you for your interest in the TS-850_450_690 users group.

# 732. RE: [TS-850_450_690] Welcome new member mahuf2002

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-07 21:07:00 UTC
From: Gerald Tilley
Topic: 730  Message: 732

Hi Everyone,

Thanks for the welcome.

My name is Gerald Tilley and my callsigns are VO1YYT & VO1TIL. My QTH is St. John's, Newfoundland, Canada.

I am retired and 71 years old. I've been a licensed ham since 1954.

I am using the Kenwood TS-850S since it first came on the market and it is working FB ever since.

My interest these days is in digital modes especially PSK31, where I am a new comer.. I am using the RigBlaster Plus interface from my rig to my computer with MixW 2.06 (reg) software. I also use the CommCat program which controls my Kenwood.

I would like to hear from members who are using computers with the TS-850 and also those who are using PSK31.

73 's for now and best wishes for 2003!

-----Original Message-----
From: ve3tmt <ve3tmt@...> [mailto:ve3tmt@...]
Sent: January 7, 2003 9:31 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Welcome new member mahuf2002

Welcome to the group. Drop us a line and tell us a bit about yourself.

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<http://rd.yahoo.com/M=241773.2725424.4169802.1925585/D=egroupweb/S=1705063108:HM/A=1394046/R=0/*http:/www.hgtv.com/hgtv/pac_ctnt/text/0,,HGTV_3936_5802,FF.html> HGTV Dream Home Giveaway

<http://us.adserver.yahoo.com/l?M=241773.2725424.4169802.1925585/D=egroupmail/S=:HM/A=1394046/rand=118919163>

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[Non-text portions of this message have been removed]

# 733. Re: Welcome new member mahuf2002

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-07 21:43:24 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 730  Message: 733

Hi Gerald,

Welcome to the group. To answer your question I am also using a TS850S running PSK31 and other digital modes. I also use MixW 2.06 although I don't use any interface. The audio lines run direct to the ACCY jack on the 850. I built the PC control interface for it though. In fact I spend more time on PSK than any other modes. Look for me around 14.070 most evenings. Can you tell me more about the CommCat program? You can e-mail me direct at ve3tmt@...

73,
Max

# 734. RE: [TS-850_450_690] Welcome new member mahuf2002

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-08 13:01:02 UTC
From: Dan Goodwin
Topic: 730  Message: 734

Good day Gerry, Nice to see another VO1 on PSK. Maybe we could try a sked on 80 or 40 meters some evening. Although I haven't made a PSK contact for several months now I have about 500 in the log for 2002. I also use the RigBlaster with my 850. Dave,VO1XT has the same set up but hasn't been very active lately. 73, Dan Goodwin VO1MX VO2ZZ My name is Gerald Tilley and my callsigns are VO1YYT & VO1TIL. I am using the Kenwood TS-850S since it first came on the market and it is
working FB ever since.

My interest these days is in digital modes especially PSK31, where I am a
new comer.. I am using the RigBlaster Plus interface from my rig to my
computer with MixW 2.06 (reg) software.

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# 735. Awesome extrnl speaker for...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-08 17:24:05 UTC
From: wolobmp <wolobmp@yahoo.com>
Topic: 735  Message: 735

hello all. wanted to pass along some info about an external speaker that i got for xmas. the url is www.soundssweet.com. if you are looking for an external speaker, that will produce some excellent audio for all modes, this IS the speaker to have a closer look at. the price is about the same as "name-brands" but this speaker offers much more sound reproduction then any other speaker i have in the shack. one "negative" item is the size! it is large compared to today's external speakers offered, but it is quite worth finding a spot for it in your shack. just wanted to pass along some info about it,and of course, do not work and/or have any assoications with the company that makes them. tnx for reading and happy listening! 73 de mike....wd8bmp

# 736. Re: Awesome extrnl speaker for...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-08 19:04:35 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 735  Message: 736

--- In TS-850_450_690@yahoogroups.com, "wolobmp <wolobmp@y...>"
<wolobmp@y...> wrote:
> hello all. wanted to pass along some info about an external speaker
> that i got for xmas. the url is www.soundssweet.com. if you are
> looking for an external speaker, that will produce some excellent
> audio for all modes, this IS the speaker to have a closer look at.
> the price is about the same as "name-brands" but this speaker
offers
> much more sound reproduction then any other speaker i have in the
> shack. one "negative" item is the size! it is large compared to
> today's external speakers offered, but it is quite worth finding a
> spot for it in your shack. just wanted to pass along some info
about
> it,and of course, do not work and/or have any assoications with the
> company that makes them. tnx for reading and happy listening! 73 de
> mike....wd8bmp

Thanks for the tip Mike, I am always on the lookout for excellent
sounding shack speakers. The mating speakers sold by Kenwood et all
are so darned expensive. I've been looking at either an SP940 or
SP950 but they sell for over $300 up here in Canada.

73,
Max

# 737. RE: Welcome new member mahuf2002

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-08 23:03:34 UTC
From: Bill, K5LK
Topic: 730  Message: 737

Gerald,
I use the 850 and PSK-31 with MixW almost exclusively. I get good clean audio spectrum reports when I run audio input to give about 50% MAX power. One of the biggest problems you see on PSK these days is folks overdriving their audio input and splattering. The 850, when driven correctly gives a very clean signal on the band.
CU on PSK!
73 de Bill, K5LK
---

Message: 2
Date: Tue, 7 Jan 2003 17:37:00 -0330
From: "Gerald Tilley" <gtilley@...>
Subject: RE: Welcome new member mahuf2002

Hi Everyone,

Thanks for the welcome.

My name is Gerald Tilley and my callsigns are VO1YYT & VO1TIL. My QTH is St. John's, Newfoundland, Canada.

I am retired and 71 years old. I've been a licensed ham since 1954.

I am using the Kenwood TS-850S since it first came on the market and it is working FB ever since.

My interest these days is in digital modes especially PSK31, where I am a new comer.. I am using the RigBlaster Plus interface from my rig to my computer with MixW 2.06 (reg) software. I also use the CommCat program which controls my Kenwood.

I would like to hear from members who are using computers with the TS-850 and also those who are using PSK31.

73 's for now and best wishes for 2003!

# 738. Re: Awesome extrnl speaker for...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-09 12:53:53 UTC
From: wolobmp <wolobmp@yahoo.com>
Topic: 735  Message: 738

```
--- In TS-850_450_690@yahoogroups.com, "ve3tmt <ve3tmt@y...>"
<ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "wolobmp <wolobmp@y...>"
> <wolobmp@y...> wrote:
> > hello all. wanted to pass along some info about an external
speaker
> > that i got for xmas. the url is www.soundssweet.com. if you are
> > looking for an external speaker, that will produce some excellent
> > audio for all modes, this IS the speaker to have a closer look
at.
> > the price is about the same as "name-brands" but this speaker
> offers
> > much more sound reproduction then any other speaker i have in the
> > shack. one "negative" item is the size! it is large compared to
> > today's external speakers offered, but it is quite worth finding
a
> > spot for it in your shack. just wanted to pass along some info
> about
> > it,and of course, do not work and/or have any assoications with
the
> > company that makes them. tnx for reading and happy listening! 73
de
> > mike....wd8bmp
>
> Thanks for the tip Mike, I am always on the lookout for excellent
> sounding shack speakers. The mating speakers sold by Kenwood et
all
> are so darned expensive. I've been looking at either an SP940 or
> SP950 but they sell for over $300 up here in Canada.
>
> 73,
> Max

you bethcya max......i like my speaker very much!
73
mike
```

# 739. (no subject)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-09 16:03:36 UTC
From: Bill Leahy <coorsbill@yahoo.com>
Topic: 739  Message: 739

Welcome, Freddy, N2LNO to our group.

Please introduce yourself. Tell us about your station and your ham hobby.

73 and enjoy the group!

The Moderators

# 740. thanks to everyone who supplied help on ALC problem!!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-10 04:54:56 UTC
From: n4qde <wldn96@aeneas.net>
Topic: 740  Message: 740

thanks to Bill,Roy and others here for helping me quickly locate the WILD ALC Level problem with my 850.fyi-kenwood has the ALC modules on back order for approx 2 Weeks.I ordered 2 and,have also ordered the replacement surface mount style transistors from M.C.M Electronics.I decided to try the "cheap fix" with parts and also have new back-up modules for the future.I am also using the 22 pin socket "half" mount.which is for quick module replacement.this is an excellent idea that Bill included in his email to me....thanks bunches Bill!!.its ideas like that one that make hams a cut above the know it all radio companies.i should have my 850 up and running by tommorrow night after work.(friday)-the parts will be here.i hope i can help some of you in the same way.thanks again to everyone-this is a great group!!
73 from N4QDE...Larry.

# 741. Re: [TS-850_450_690] thanks to everyone who supplied help on ALC problem!!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-10 05:52:27 UTC
From: Bill
Topic: 740  Message: 741

I think the caps might be the problem on these, not sure.
b
"n4qde <wldn96@...>" <wldn96@...> wrote:thanks to Bill,Roy and others here for helping me quickly locate the
WILD ALC Level problem with my 850.fyi-kenwood has the ALC modules on
back order for approx 2 Weeks.I ordered 2 and,have also ordered the
replacement surface mount style transistors from M.C.M Electronics.I
decided to try the "cheap fix" with parts and also have new back-up
modules for the future.I am also using the 22 pin socket "half"
mount.which is for quick module replacement.this is an excellent idea
that Bill included in his email to me....thanks bunches Bill!!.its
ideas like that one that make hams a cut above the know it all radio
companies.i should have my 850 up and running by tommorrow night
after work.(friday)-the parts will be here.i hope i can help some of
you in the same way.thanks again to everyone-this is a great group!!
73 from N4QDE...Larry.

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# 742. Re: thanks to everyone who supplied help on ALC problem!!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-10 15:16:13 UTC
From: Clif <avvidclif@yahoo.com>
Topic: 740  Message: 742

While never have actually having repaired the X59-1100 board I am 90% certain the problem is the transistors. The TS50 has exactly the same circuit except it's not on a separate board it's on the main board. When I repair a TS50 I replace the transistors (3) and it fixes it. While there I replace the SM 47UF caps as they tend to leak. These caps serve the same function as the thru hole mounted caps external to the board on the TS850 and those I never replace. A process of elimination says the problem is the transistors. Why???? I don't know.

Clif
AVVid

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> I think the caps might be the problem on these, not sure.
> b
> "n4qde <wldn96@a...>" <wldn96@a...> wrote:thanks to Bill,Roy and others here for helping me quickly locate the
> WILD ALC Level problem with my 850.fyi-kenwood has the ALC modules on
> back order for approx 2 Weeks.I ordered 2 and,have also ordered the
> replacement surface mount style transistors from M.C.M Electronics.I
> decided to try the "cheap fix" with parts and also have new back-up
> modules for the future.I am also using the 22 pin socket "half"
> mount.which is for quick module replacement.this is an excellent idea
> that Bill included in his email to me....thanks bunches Bill!!.its
> ideas like that one that make hams a cut above the know it all radio
> companies.i should have my 850 up and running by tommorrow night
> after work.(friday)-the parts will be here.i hope i can help some of
> you in the same way.thanks again to everyone-this is a great group!!
> 73 from N4QDE...Larry.
>
>
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> [Non-text portions of this message have been removed]

# 743. Re: [TS-850_450_690] Re: thanks to everyone who supplied help on ALC problem!!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-11 04:50:15 UTC
From: Bill
Topic: 740  Message: 743

'cuz.
"Clif <avvidclif@...>" <avvidclif@...> wrote: A process of elimination says the problem is the transistors. Why????
I don't know.

Clif
AVVid

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> I think the caps might be the problem on these, not sure.
> b
> "n4qde <wldn96@a...>" <wldn96@a...> wrote:thanks to Bill,Roy and others here for helping me quickly locate the
> WILD ALC Level problem with my 850.fyi-kenwood has the ALC modules on
> back order for approx 2 Weeks.I ordered 2 and,have also ordered the
> replacement surface mount style transistors from M.C.M Electronics.I
> decided to try the "cheap fix" with parts and also have new back-up
> modules for the future.I am also using the 22 pin socket "half"
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> that Bill included in his email to me....thanks bunches Bill!!.its
> ideas like that one that make hams a cut above the know it all radio
> companies.i should have my 850 up and running by tommorrow night
> after work.(friday)-the parts will be here.i hope i can help some of
> you in the same way.thanks again to everyone-this is a great group!!
> 73 from N4QDE...Larry.
>
>
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[Non-text portions of this message have been removed]

# 744. Re: [TS-850] TS-690 is misbehaving

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-14 21:21:07 UTC
From: ksm91011 <ksm@jpl.nasa.gov>
Topic: 223  Message: 744

Bill,

Meant to write back about the strange tuning that my TS-690
developed. Turning the main knob one way would work correctly,
turning it the other would constantly reset to ca. 50.127MHz.

A soft reset cleared the problem.

Thanks

Ken

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> Try a reset first, and pray that static spike has not taken out one
of your CPU ports.
> bill

# 745. Re: [TS-850_450_690] Re: [TS-850] TS-690 is misbehaving ENCODER?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-15 02:40:04 UTC
From: Bill
Topic: 223  Message: 745

VERY interesting! Thanks for sharing that... I would have spent much time t'shooting the encoder....
73,
Bill
"ksm91011 <ksm@...>" <ksm@...> wrote:Bill,

Meant to write back about the strange tuning that my TS-690
developed. Turning the main knob one way would work correctly,
turning it the other would constantly reset to ca. 50.127MHz.

A soft reset cleared the problem.

Thanks

Ken

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> Try a reset first, and pray that static spike has not taken out one
of your CPU ports.
> bill

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[Non-text portions of this message have been removed]

# 746. 850 noise blanker mod results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-15 14:18:24 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 746  Message: 746

Finally got a chance to try out the noise blanker on my 850 after doing the mod (removal of 2 capacitors)last night. Came home from work, flipped on the radio and was greeted with an S9 noise unlike anything I have heard before. Almost like manmade static but not a motor sound. Anyway the NB1 on the 850 knocked it right down to an S2 level making PSK copy perfect. NB2 also was effective on removing the noise, making me wonder just where it was originating from??

# 747. Re: [TS-850_450_690] 850 noise blanker mod results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-15 21:07:52 UTC
From: Bill
Topic: 746  Message: 747

I did that mod on another 850, couldn't really tell the diff. It's interesting that NB2 works, as that was designed for the Russian "woodpecker" OTH radar.. has some kind of a wierd delay ckt in it.
b
"ve3tmt <ve3tmt@...>" <ve3tmt@...> wrote:Finally got a chance to try out the noise blanker on my 850 after
doing the mod (removal of 2 capacitors)last night. Came home from
work, flipped on the radio and was greeted with an S9 noise unlike
anything I have heard before. Almost like manmade static but not a
motor sound. Anyway the NB1 on the 850 knocked it right down to an
S2 level making PSK copy perfect. NB2 also was effective on removing
the noise, making me wonder just where it was originating from??

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[Non-text portions of this message have been removed]

# 748. Re: 850 noise blanker mod results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-15 21:45:01 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 746  Message: 748

I did that mod on another 850, couldn't really tell the diff. It's interesting that NB2 works, as that was designed for the Russian "woodpecker" OTH radar.. has some kind of a wierd delay ckt in it.
> b

Yeah if you turn the NB level up too high it cuts the receive out in regular intervals. I never use the NB2, but I thought it was funny both were effective in removing the noise. Makes me wonder what is causing it??

Max

# 749. TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-17 13:05:28 UTC
From: Stu
Topic: 749  Message: 749

Hi Guys
Ok I was in the guts of my 850 last night to try and find the cause of the lack of power output and I think I found the culprit that caused the smell in the first place
its C1 on the car board (X50-3140-00)

WHAT CAUSED THIS I DON'T KNOW but I am open to suggestions I thought about checking the 2 ics that are in line voltage regulators I think they are AN78NOS

Does the anyone know if the car board can be bought and if so how much?

also here is what happened to alert me of the problem

I was running in the CQWWSSB test 2001 as GM2T on 10m and the radio started to drop power their was a strange smell so I stopped check everything
ANTENNA KT34XA was ok
ALPHA 91B sees ok
VOICE KEYER seems ok
POWER SUPPLY ok
TS850S weird smell and power lost

So after a cpu reset and a test its all ok so reconnect all up again minus Voice keyer and 5mins later same again Try to TX power looks like its going up then falls to ZERO instantly So leave for 5mins connect only radio to dummy load all is ok after 10 mins of keying into load was fine so reconnect
and try again into amp antenna and same again

This has me puzzled so to save damage I disconnect 850 and come home

So know I have eventually got into the guts and I hope I can repair it with the help of you guys So I await your responses
Stu MM0BSM

# 750. Welcome back Mike!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-17 15:33:33 UTC
From: Bill Leahy <coorsbill@yahoo.com>
Topic: 750  Message: 750

Welcome back to the group, Mike we missed you.

I would also like to thank our newest members, piratelooksat400;
herthahansasen; jc72346, n2lno Freddy and llamaack.

Been kinda busy this week, so didn't get to welcome each one. But
that saves the old inbox some grief, doesn't it? hi hi..

y'all enjoy the group and the fine line of Kenwood radios.

73!

Bill

# 751. Re: [TS-850_450_690] TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-17 16:15:39 UTC
From: Charles Bird
Topic: 749  Message: 751

The same C1 failed in my 850 but I couldn't find it
because there was no visible evidence. I smelled it
all right! The capacitor straddles the key line so
when it blew out the key line trace was burned causing
Q152 on subunit TRX (X59-3680-01) on the IF Unit to
fry. You can't replace the transistor very easily
because the subunit has to come off the IF board (use
solder sucker and wick), so get stock number
KX59-3680-01 from Pacific Coast Parts (800) 421-5080
for $11.50 (Get 2 in case you screw up). Clean and
repair the trace under that C1. Replace a new C1. The
subunit generates the keying voltage for transmit. If
the key line is shorted as in my case, the subunit
will be history, and you won't be able to transmit.
--Charlie, K6HTM
~~~~~~~~~~~~~~~~~~~~~~~~~~
--- Stu <samalex@...> wrote:
> Hi Guys
> Ok I was in the guts of my 850 last night to try and
> find the cause of the
> lack of power output and I think I found the culprit
> that caused the smell
> in the first place
> its C1 on the car board (X50-3140-00)
>
> WHAT CAUSED THIS I DON'T KNOW but I am open to
> suggestions I thought about
> checking the 2 ics that are in line voltage
> regulators I think they are
> AN78NOS
>
> Does the anyone know if the car board can be bought
> and if so how much?
>
> also here is what happened to alert me of the
> problem
>
> I was running in the CQWWSSB test 2001 as GM2T on
> 10m and the radio
> started to drop power their was a strange smell so I
> stopped check
> everything
> ANTENNA KT34XA was ok
> ALPHA 91B sees ok
> VOICE KEYER seems ok
~~~~~~~~~~~~~~~~~~~~~~~~~~

> POWER SUPPLY ok
> TS850S weird smell and power lost
>
> So after a cpu reset and a test its all ok so
> reconnect all up again minus
> Voice keyer and 5mins later same again Try to TX
> power looks like its going
> up then falls to ZERO instantly So leave for 5mins
> connect only radio to
> dummy load all is ok after 10 mins of keying into
> load was fine so
> reconnect
> and try again into amp antenna and same again
>
> This has me puzzled so to save damage I disconnect
> 850 and come home
>
>
> So know I have eventually got into the guts and I
> hope I can repair it with
> the help of you guys So I await your responses
> Stu MM0BSM
>
>

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# 752. Re: [TS-850_450_690] TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-17 23:54:29 UTC
From: Stu
Topic: 749  Message: 752

Hi Charles thanks for that info will check that out as well
do you know if the car unit{X50-3140-00} can be bought as a whole board?
Stu MM0BSM

----- Original Message -----
From: "Charles Bird" <k6htm@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, January 17, 2003 4:15 PM
Subject: Re: [TS-850_450_690] TS850

> The same C1 failed in my 850 but I couldn't find it
> because there was no visible evidence. I smelled it
> all right! The capacitor straddles the key line so
> when it blew out the key line trace was burned causing
> Q152 on subunit TRX (X59-3680-01) on the IF Unit to
> fry. You can't replace the transistor very easily
> because the subunit has to come off the IF board (use
> solder sucker and wick), so get stock number
> KX59-3680-01 from Pacific Coast Parts (800) 421-5080
> for $11.50 (Get 2 in case you screw up). Clean and
> repair the trace under that C1. Replace a new C1. The
> subunit generates the keying voltage for transmit. If
> the key line is shorted as in my case, the subunit
> will be history, and you won't be able to transmit.
> --Charlie, K6HTM
> ~~~~~~~~~~~~~~~~~~~~~~~~~~
> --- Stu <samalex@...> wrote:
> > Hi Guys
> > Ok I was in the guts of my 850 last night to try and
> > find the cause of the
> > lack of power output and I think I found the culprit
> > that caused the smell
> > in the first place
> > its C1 on the car board (X50-3140-00)
> >
> > WHAT CAUSED THIS I DON'T KNOW but I am open to
> > suggestions I thought about
> > checking the 2 ics that are in line voltage
> > regulators I think they are
> > AN78NOS
> >
> > Does the anyone know if the car board can be bought
> > and if so how much?
> >
> > also here is what happened to alert me of the

> > problem
> >
> > I was running in the CQWWSSB test 2001 as GM2T on
> > 10m and the radio
> > started to drop power their was a strange smell so I
> > stopped check
> > everything
> > ANTENNA KT34XA was ok
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> > So after a cpu reset and a test its all ok so
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> > This has me puzzled so to save damage I disconnect
> > 850 and come home
> >
> >
> > So know I have eventually got into the guts and I
> > hope I can repair it with
> > the help of you guys So I await your responses
> > Stu MM0BSM
> >
> >
>
>
> _____
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>
>
>

# 753. Re: TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-18 00:12:25 UTC
From: Clif <avvidclif@yahoo.com>
Topic: 749  Message: 753

Sure, still available. $208.61 from www.pacparts.com

Clif
AVVid

--- In TS-850_450_690@yahoogroups.com, "Stu" <samalex@e...> wrote:
> Hi Charles thanks for that info will check that out as well
> do you know if the car unit{X50-3140-00} can be bought as a whole
board?
> Stu MM0BSM
>
> ----- Original Message -----
> From: "Charles Bird" <k6htm@y...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Friday, January 17, 2003 4:15 PM
> Subject: Re: [TS-850_450_690] TS850
>
>
> > The same C1 failed in my 850 but I couldn't find it
> > because there was no visible evidence. I smelled it
> > all right! The capacitor straddles the key line so
> > when it blew out the key line trace was burned causing
> > Q152 on subunit TRX (X59-3680-01) on the IF Unit to
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> > for $11.50 (Get 2 in case you screw up). Clean and
> > repair the trace under that C1. Replace a new C1. The
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> > will be history, and you won't be able to transmit.
> > --Charlie, K6HTM
> > ~~~~~~~~~~~~~~~~~~~~~~~~~~
> > --- Stu <samalex@e...> wrote:
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> > > Ok I was in the guts of my 850 last night to try and
> > > find the cause of the
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> > > that caused the smell
> > > in the first place
> > > its C1 on the car board (X50-3140-00)
> > >
> > > WHAT CAUSED THIS I DON'T KNOW but I am open to
> > > suggestions I thought about

> > > checking the 2 ics that are in line voltage
> > > regulators I think they are
> > > AN78NOS
> > >
> > > Does the anyone know if the car board can be bought
> > > and if so how much?
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> > > ANTENNA KT34XA was ok
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> > > TS850S weird smell and power lost
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> > > So after a cpu reset and a test its all ok so
> > > reconnect all up again minus
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> > > dummy load all is ok after 10 mins of keying into
> > > load was fine so
> > > reconnect
> > > and try again into amp antenna and same again
> > >
> > > This has me puzzled so to save damage I disconnect
> > > 850 and come home
> > >
> > >
> > > So know I have eventually got into the guts and I
> > > hope I can repair it with
> > > the help of you guys So I await your responses
> > > Stu MM0BSM
> > >
> > >
> >
> >
> > _____
> > Do you Yahoo!?
> > Yahoo! Mail Plus - Powerful. Affordable. Sign up now.
> > http://mailplus.yahoo.com
> >
> > THANKS FOR USING TS-850_450_690@Y...

> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
> >
> >
> >

# 754. Re: [TS-850_450_690] Re: TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-18 00:21:38 UTC
From: Stu
Topic: 749  Message: 754

WOW
nice price
Just hope its not needed. Must check out the other bits in the morning

thanks clif

Stu MM0BSM
----- Original Message -----
From: <avvidclif@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, January 18, 2003 12:12 AM
Subject: [TS-850_450_690] Re: TS850

> Sure, still available. $208.61 from www.pacparts.com
>
> Clif
> AVVid
>
> --- In TS-850_450_690@yahoogroups.com, "Stu" <samalex@e...> wrote:
> > Hi Charles thanks for that info will check that out as well
> > do you know if the car unit{X50-3140-00} can be bought as a whole
> board?
> > Stu MM0BSM
> >
> > ----- Original Message -----
> > From: "Charles Bird" <k6htm@y...>
> > To: <TS-850_450_690@yahoogroups.com>
> > Sent: Friday, January 17, 2003 4:15 PM
> > Subject: Re: [TS-850_450_690] TS850
> >
> >
> > > The same C1 failed in my 850 but I couldn't find it
> > > because there was no visible evidence. I smelled it
> > > all right! The capacitor straddles the key line so
> > > when it blew out the key line trace was burned causing
> > > Q152 on subunit TRX (X59-3680-01) on the IF Unit to
> > > fry. You can't replace the transistor very easily
> > > because the subunit has to come off the IF board (use
> > > solder sucker and wick), so get stock number
> > > KX59-3680-01 from Pacific Coast Parts (800) 421-5080
> > > for $11.50 (Get 2 in case you screw up). Clean and
> > > repair the trace under that C1. Replace a new C1. The
> > > subunit generates the keying voltage for transmit. If
> > > the key line is shorted as in my case, the subunit
> > > will be history, and you won't be able to transmit.
> > > --Charlie, K6HTM

> > > ~~~~~~~~~~~~~~~~~~~~~~~~~~
> > > --- Stu <samalex@e...> wrote:
> > > > Hi Guys
> > > > Ok I was in the guts of my 850 last night to try and
> > > > find the cause of the
> > > > lack of power output and I think I found the culprit
> > > > that caused the smell
> > > > in the first place
> > > > its C1 on the car board (X50-3140-00)
> > > >
> > > > WHAT CAUSED THIS I DON'T KNOW but I am open to
> > > > suggestions I thought about
> > > > checking the 2 ics that are in line voltage
> > > > regulators I think they are
> > > > AN78NOS
> > > >
> > > > Does the anyone know if the car board can be bought
> > > > and if so how much?
> > > >
> > > > also here is what happened to alert me of the
> > > > problem
> > > >
> > > > I was running in the CQWWSSB test 2001 as GM2T on
> > > > 10m and the radio
> > > > started to drop power their was a strange smell so I
> > > > stopped check
> > > > everything
> > > > ANTENNA KT34XA was ok
> > > > ALPHA 91B sees ok
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> > > > POWER SUPPLY ok
> > > > TS850S weird smell and power lost
> > > >
> > > > So after a cpu reset and a test its all ok so
> > > > reconnect all up again minus
> > > > Voice keyer and 5mins later same again Try to TX
> > > > power looks like its going
> > > > up then falls to ZERO instantly So leave for 5mins
> > > > connect only radio to
> > > > dummy load all is ok after 10 mins of keying into
> > > > load was fine so
> > > > reconnect
> > > > and try again into amp antenna and same again
> > > >
> > > > This has me puzzled so to save damage I disconnect
> > > > 850 and come home
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> > > >
> > > > So know I have eventually got into the guts and I
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> > > > the help of you guys So I await your responses
> > > > Stu MM0BSM
> > > >
> > > >
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> > > _____
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> > > http://mailplus.yahoo.com
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>
>
>

# 755. Re: TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-18 03:45:43 UTC
From: Clif <avvidclif@yahoo.com>
Topic: 749  Message: 755

Creative application of the X-acto knife to remove "ALL" the burned board, possibly a jumper wire in extreme circumstances and it should be fine. A new 47uf cap (non-surface mount) and then you can repair the damaged TRX unit. If you need more info e-mail me.

The line that is shorted on the Car unit is the TXB (transmit bias) line (+8v in TX). The short usually causes the transistor on the TRX unit to fry the board. The radio still seems to go into TX because the PTT switch triggers the UPC and the TRX board at the same time. The UPC thinks it's in TX, the TRX board cuts off the RXB (receive bias +8v) line but because of the open transistor the TX bias is missing therefore the radio is in limbo.

Food for thought: I have found numerous leaky surface mount caps in radios over the years. They have all been 47uf @ 16v. This observation covers Kenwood and Icom and several different models BUT the cap is the same value in each case. Hummmmmm?????

Clif

my website www.avvid.com

--- In TS-850_450_690@yahoogroups.com, "Stu" <samalex@e...> wrote:
> WOW
> nice price
> Just hope its not needed. Must check out the other bits in the morning
>
> thanks clif
>
> Stu MM0BSM
> ----- Original Message -----
> From: <avvidclif@y...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Saturday, January 18, 2003 12:12 AM
> Subject: [TS-850_450_690] Re: TS850
>
>
> > Sure, still available. $208.61 from www.pacparts.com
> >
> > Clif
> > AVVid
> >
> > --- In TS-850_450_690@yahoogroups.com, "Stu" <samalex@e...> wrote:
> > > Hi Charles thanks for that info will check that out as well
> > > do you know if the car unit{X50-3140-00} can be bought as a

whole
> > board?
> > > Stu MM0BSM
> > >
> > > ----- Original Message -----
> > > From: "Charles Bird" <k6htm@y...>
> > > To: <TS-850_450_690@yahoogroups.com>
> > > Sent: Friday, January 17, 2003 4:15 PM
> > > Subject: Re: [TS-850_450_690] TS850
> > >
> > >
> > > > The same C1 failed in my 850 but I couldn't find it
> > > > because there was no visible evidence. I smelled it
> > > > all right! The capacitor straddles the key line so
> > > > when it blew out the key line trace was burned causing
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> > > > solder sucker and wick), so get stock number
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> > > > for $11.50 (Get 2 in case you screw up). Clean and
> > > > repair the trace under that C1. Replace a new C1. The
> > > > subunit generates the keying voltage for transmit. If
> > > > the key line is shorted as in my case, the subunit
> > > > will be history, and you won't be able to transmit.
> > > > --Charlie, K6HTM
> > > > ~~~~~~~~~~~~~~~~~~~~~~~~~~
> > > > --- Stu <samalex@e...> wrote:
> > > > > Hi Guys
> > > > > Ok I was in the guts of my 850 last night to try and
> > > > > find the cause of the
> > > > > lack of power output and I think I found the culprit
> > > > > that caused the smell
> > > > > in the first place
> > > > > its C1 on the car board (X50-3140-00)
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> > > > > WHAT CAUSED THIS I DON'T KNOW but I am open to
> > > > > suggestions I thought about
> > > > > checking the 2 ics that are in line voltage
> > > > > regulators I think they are
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> > > > > and if so how much?
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> > > > > TS850S weird smell and power lost
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> > > > > So after a cpu reset and a test its all ok so
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> > > > > Voice keyer and 5mins later same again Try to TX
> > > > > power looks like its going
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> > > > > This has me puzzled so to save damage I disconnect
> > > > > 850 and come home
> > > > >
> > > > >
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> > > > > Stu MM0BSM
> > > > >
> > > > >
> > > >
> > > >
> > > > _____
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> > > > THANKS FOR USING TS-850_450_690@Y...
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> > > >
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> >
> >
> >

# 756. Re: [TS-850_450_690] TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-18 04:05:17 UTC
From: Bill
Topic: 749  Message: 756

C1 is a 47 uF 16v smd electrolytic cap, prone to blow when things get spiky... this is connected to the 8v line coming in to the CAR unit, so I doubt it was the regulators which are downstream. I would replace C1 and chalk it up to 'random electrical failure'.
I don't think you want to replace the whole unit.
b
Stu <samalex@...> wrote:Hi Guys
Ok I was in the guts of my 850 last night to try and find the cause of the lack of power output and I think I found the culprit that caused the smell in the first place
its C1 on the car board (X50-3140-00)

WHAT CAUSED THIS I DON'T KNOW but I am open to suggestions I thought about checking the 2 ics that are in line voltage regulators I think they are AN78NOS

Does the anyone know if the car board can be bought and if so how much?

also here is what happened to alert me of the problem

I was running in the CQWWSSB test 2001 as GM2T on 10m and the radio started to drop power their was a strange smell so I stopped check everything
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VOICE KEYER seems ok
POWER SUPPLY ok
TS850S weird smell and power lost

So after a cpu reset and a test its all ok so reconnect all up again minus Voice keyer and 5mins later same again Try to TX power looks like its going up then falls to ZERO instantly So leave for 5mins connect only radio to dummy load all is ok after 10 mins of keying into load was fine so reconnect
and try again into amp antenna and same again

This has me puzzled so to save damage I disconnect 850 and come home

So know I have eventually got into the guts and I hope I can repair it with the help of you guys So I await your responses
Stu MM0BSM

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[Non-text portions of this message have been removed]

# 757. Re: [TS-850_450_690] TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-18 04:06:15 UTC
From: Bill
Topic: 749  Message: 757

the cap is C92-0040-05 k'wood pn
b
Stu <samalex@...> wrote:Hi Guys
Ok I was in the guts of my 850 last night to try and find the cause of the lack of power output and I think I found the culprit that caused the smell in the first place
its C1 on the car board (X50-3140-00)

WHAT CAUSED THIS I DON'T KNOW but I am open to suggestions I thought about checking the 2 ics that are in line voltage regulators I think they are AN78NOS

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So after a cpu reset and a test its all ok so reconnect all up again minus Voice keyer and 5mins later same again Try to TX power looks like its going up then falls to ZERO instantly So leave for 5mins connect only radio to dummy load all is ok after 10 mins of keying into load was fine so reconnect
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This has me puzzled so to save damage I disconnect 850 and come home

So know I have eventually got into the guts and I hope I can repair it with the help of you guys So I await your responses
Stu MM0BSM

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[Non-text portions of this message have been removed]

# 758. Re: Welcome back Mike!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-18 09:23:23 UTC
From: herthanasen <chrvass@hotmail.com>
Topic: 750  Message: 758

--- In TS-850_450_690@yahoogroups.com, "Bill Leahy <coorsbill@y...>"
<coorsbill@y...> wrote:
> Welcome back to the group, Mike we missed you.
>
> I would also like to thank our newest members, piratelooksat400;
> herthahansasen; jc72346, n2lno Freddy and llamaack.
>
> Been kinda busy this week, so didn't get to welcome each one. But
> that saves the old inbox some grief, doesn't it? hi hi..
>
> y'all enjoy the group and the fine line of Kenwood radios.
>
> 73!
>
> Bill

Thank you for welcoming notes.
King Regards to all
Chris

# 759. Re: [TS-850_450_690] Re: Welcome back Mike!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-18 00:10:31 UTC
From: Mike Elliott
Topic: 750  Message: 759

It's good to be back, and finally cured. New QTH, but the asst. mgr. likes hams, so antenna is next step!
Mike
----- Original Message -----
From: <chrvass@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, January 18, 2003 4:23 AM
Subject: [TS-850_450_690] Re: Welcome back Mike!

> --- In TS-850_450_690@yahoogroups.com, "Bill Leahy <coorsbill@y...>"
> <coorsbill@y...> wrote:
> > Welcome back to the group, Mike we missed you.
> >
> > I would also like to thank our newest members, piratelooksat400;
> > herthahansasen; jc72346, n2lno Freddy and llamaack.
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> > Been kinda busy this week, so didn't get to welcome each one. But
> > that saves the old inbox some grief, doesn't it? hi hi..
> >
> > y'all enjoy the group and the fine line of Kenwood radios.
> >
> > 73!
> >
> > Bill
>
> Thank you for welcoming notes.
> King Regards to all
> Chris
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>

# 760. Re: [TS-850_450_690] TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-18 13:51:36 UTC
From: Stu
Topic: 749  Message: 760

Well I just checked and the q152 is blown on the trx board so going to take
the board out
thanks for that tip Charles

will let you know when I get it out

I feel good now I am seeing the light and maybe soon to have my ts850
working again
Stu MM0BSM
----- Original Message -----
From: "Charles Bird" <k6htm@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, January 17, 2003 4:15 PM
Subject: Re: [TS-850_450_690] TS850

> The same C1 failed in my 850 but I couldn't find it
> because there was no visible evidence. I smelled it
> all right! The capacitor straddles the key line so
> when it blew out the key line trace was burned causing
> Q152 on subunit TRX (X59-3680-01) on the IF Unit to
> fry. You can't replace the transistor very easily
> because the subunit has to come off the IF board (use
> solder sucker and wick), so get stock number
> KX59-3680-01 from Pacific Coast Parts (800) 421-5080
> for $11.50 (Get 2 in case you screw up). Clean and
> repair the trace under that C1. Replace a new C1. The
> subunit generates the keying voltage for transmit. If
> the key line is shorted as in my case, the subunit
> will be history, and you won't be able to transmit.
> --Charlie, K6HTM
> ~~~~~~~~~~~~~~~~~~~~~~~~~~
> --- Stu <samalex@...> wrote:
> > Hi Guys
> > Ok I was in the guts of my 850 last night to try and
> > find the cause of the
> > lack of power output and I think I found the culprit
> > that caused the smell
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> > its C1 on the car board (X50-3140-00)
> >
> > WHAT CAUSED THIS I DON'T KNOW but I am open to
> > suggestions I thought about
> > checking the 2 ics that are in line voltage
> > regulators I think they are
> > AN78NOS
> >

> > Does the anyone know if the car board can be bought
> > and if so how much?
> >
> > also here is what happened to alert me of the
> > problem
> >
> > I was running in the CQWWSSB test 2001 as GM2T on
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> > TS850S weird smell and power lost
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> > Voice keyer and 5mins later same again Try to TX
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> > load was fine so
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> > This has me puzzled so to save damage I disconnect
> > 850 and come home
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> > So know I have eventually got into the guts and I
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> > Stu MM0BSM
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>
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>
>

>

# 761. Re: [TS-850_450_690] Re: Welcome back Mike!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-18 15:49:46 UTC
From: Bill
Topic: 750  Message: 761

Man you got it made. Glory to God for the healing and the antenna-ability!
73
Bill
Mike Elliott <w8krr@...> wrote:It's good to be back, and finally cured. New QTH, but the asst. mgr. likes
hams, so antenna is next step!
Mike

see our website www.amateur-repairs.com

---
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[Non-text portions of this message have been removed]

# 762. TS-850 tx audio distortion in 20

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-18 20:20:51 UTC
From: herthanasen <chrvass@hotmail.com>
Topic: 762  Message: 762

Hi group.
This is my second message because the first one for unknown reason do not e-posting.I need you opinion and maybe you help at this problem.My ts850 under 10.499.00 mhz and above 21.000.00 mhz it's working perfect.But in this zone 10.5 to 21 mhz with a peak to 16 mhz the tx audio (both usb-lsb) it's overemphasized like something to overdrive the audio makes the sound to be distorted.The problem exist over to 20-30 watts output.If i use speech prossesor i have not ALC indication on meter and tx audio it's horribile bulky. I make all tests with dummy load and antenna. Also i use for power supply battery and external switching power supply without any lucky.
Any help welcomed.
73
Chris
SV1HEP

# 763. Welcome new member garbige1058

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-20 03:15:03 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 763  Message: 763

Welcome to the group. Tell us a bit about yourself.

Max & Moderators

# 764. Welcome new member KG4EQD

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-20 22:34:15 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 764  Message: 764

Welcome to the group Keith. Why not tell us a bit about yourself.

The Moderators

# 765. Considering an 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-21 01:24:29 UTC
From: kg4eqd <kazeringue@aol.com>
Topic: 765  Message: 765

Hi all.

I'm considering buying a ts-850 to replace a now deceased entry level rig.

It appears that the 850 would be a good step up, and the price is inside my budget. I'd prefer to buy something new, but I'm more interested in a receiver with good selectivity, mostly SSB.

Before I take a chance on a used rig, I was hoping to get a bit of feed back on a couple of issues.

Are parts for this rig still available when repairs are needed?

Is this rig prone to any particular problems I should look for in a used rig?

How is this rig for SSB contest work without the optional filters?

Thanks in advance for any opinions.

73,
Keith, W4KAZ

# 766. Re: [TS-850_450_690] Considering an 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-21 03:27:20 UTC
From: Bill
Topic: 765  Message: 766

Mine has been trouble free except for the three times I have blown it up. Twice with lightning or wind-static, and once with a Henry 2K that went looking for neutral through the ground in my 850!!! hi
If you get a nearby lightning hit, it will take out the tube and a diode on the RF unit. you can get parts for them.
The gas arrestor tube likes to fail often, due to high voltage spikes on the antenna from static, etc, just pop a 1mH choke across the antenna just like in the old days, it will make the tube last longer. They are easy to get and easy to change, about 7 bux.
the stock SSB filters are fine for contest usage... with the slope tuning you will be in hog heaven.
bill
"kg4eqd <kazeringue@...>" <kazeringue@...> wrote:Hi all.

I'm considering buying a ts-850 to replace a now deceased entry level rig.

It appears that the 850 would be a good step up, and the price is inside my budget. I'd prefer to buy something new, but I'm more interested in a receiver with good selectivity, mostly SSB.

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Thanks in advance for any opinions.

73,
Keith, W4KAZ

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[Non-text portions of this message have been removed]

# 767. Re: [TS-850_450_690] Considering an 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-21 04:54:02 UTC
From: Zack Widup
Topic: 765  Message: 767

On Mon, 20 Jan 2003, Bill wrote:

>
> Mine has been trouble free except for the three times I have blown it up. Twice with lightning or wind-static, and once with a Henry 2K that went looking for neutral through the ground in my 850!!! hi
> If you get a nearby lightning hit, it will take out the tube and a diode on the RF unit.
> you can get parts for them.
> The gas arrestor tube likes to fail often, due to high voltage spikes on the antenna from static, etc, just pop a 1mH choke across the antenna just like in the old days, it will make the tube last longer. They are easy to get and easy to change, about 7 bux.
> the stock SSB filters are fine for contest usage... with the slope tuning you will be in hog heaven.
> bill
>

I've only had mine for about 6 months and have had NO problems with it yet, so I don't have any experience with trying to get parts for it.
I did do the mod to remove the attenuation from the AM broadcast band and found that relatively easy (for me).

But as I am an avid contester, I can say he is right about the rig's performance in contests, both CW and SSB. It's quite wonderful and is still one of the prized rigs among contesters.

The Amrad filters are supposed to make it even better, but I don't have those yet and I'm pleased with the stock filters so far.

73, Zack W9SZ

# 768. Re: Considering an 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-21 09:08:08 UTC
From: Steve <kd1xh@arrl.net>
Topic: 765  Message: 768

I have had mine for about 6 years and though it hasn't had as much use as I'd like, it hasn't had any problems either.

# 769. Re: [TS-850_450_690] TS 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-21 12:39:17 UTC
From: Stu
Topic: 769  Message: 769

Bill is your Yahoo e-mail a valid address

coorsbill@...

Stu MM0BSM

# 770. Re: [TS-850_450_690] TS-850 tx audio distortion in 20

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-21 14:08:34 UTC
From: Bill
Topic: 762  Message: 770

What does it do when hooked to a dummy load? Same thing?
bill
"herthanasen <chrvass@...>" <chrvass@...> wrote:Hi group.
This is my second message because the first one for unknown reason
do not e-posting.I need you opinion and maybe you help at this
problem.My ts850 under 10.499.00 mhz and above 21.000.00 mhz it's
working perfect.But in this zone 10.5 to 21 mhz with a peak to 16
mhz the tx audio (both usb-lsb) it's overemphasized like something
to overdrive the audio makes the sound to be distorted.The problem
exist over to 20-30 watts output.If i use speech prossesor i have
not ALC indication on meter and tx audio it's horribile bulky. I
make all tests with dummy load and antenna. Also i use for power
supply battery and external switching power supply without any lucky.
Any help welcomed.
73
Chris
SV1HEP

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[Non-text portions of this message have been removed]

# 771. Re: [TS-850_450_690] Considering an 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-21 14:11:49 UTC
From: Bill
Topic: 765  Message: 771

Thanks Zack!

I also have the K'wood 500hz CW filters, and would recommend if anyone buys the CW filter for this rig, get both. The 455Khz filter is more expensive but that's because it's a 16 pole filter and has larger crystals than the 8.8. The two of them together are awesome.

I have heard the 400hz Inrad filters in another rig. They are marginally better and I think they are about the same as the Kenwood in price. If I didn't have the 500's, I would probably go with the Inrad units.

bill

Zack Widup <w9sz@...> wrote:On Mon, 20 Jan 2003, Bill wrote:

>
> Mine has been trouble free except for the three times I have blown it up. Twice with lightning or wind-static, and once with a Henry 2K that went looking for neutral through the ground in my 850!!! hi
> If you get a nearby lightning hit, it will take out the tube and a diode on the RF unit.
> you can get parts for them.
> The gas arrestor tube likes to fail often, due to high voltage spikes on the antenna from static, etc, just pop a 1mH choke across the antenna just like in the old days, it will make the tube last longer. They are easy to get and easy to change, about 7 bux.
> the stock SSB filters are fine for contest usage... with the slope tuning you will be in hog heaven.
> bill
>

I've only had mine for about 6 months and have had NO problems with it
yet, so I don't have any experience with trying to get parts for it.
I did do the mod to remove the attenuation from the AM broadcast band and
found that relatively easy (for me).

But as I am an avid contester, I can say he is right about the rig's
performance in contests, both CW and SSB. It's quite wonderful and is
still one of the prized rigs among contesters.

The Amrad filters are supposed to make it even better, but I don't have
those yet and I'm pleased with the stock filters so far.

73, Zack W9SZ

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[Non-text portions of this message have been removed]

# 772. Re: [TS-850_450_690] Considering an 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-21 22:01:04 UTC
From: Jim ve3mij
Topic: 765  Message: 772

> > Mine has been trouble free except for the three times I have blown it up. Twice with lightning or wind-static, and once with a Henry 2K that went looking for neutral through the ground in my 850!!! hi

I bought mine when it had been out for only a month or two. It's been flawless all that time. I still love the rig! I'm trying to remember when that was... '90? '91? Not too bad. I've long since thrown out the PC I bought around that time. I think it was a 386! With Windows 3.1... RF equipment beats everything else, every time....

# 773. Re: TS-850 tx audio distortion in 20

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-21 22:08:20 UTC
From: herthanasen <chrvass@hotmail.com>
Topic: 762  Message: 773

Hallo again.

First of all many thanks for responce.Second return to my problem.Exactly the same thing when i conect to a dummy.The modulation in 10.499.99 mhz it's perfect, but with the BPF relay makes a click to 10.5 the ALC meter going down to zero from any point i have before calibrate and starting this tx modulation distortion.The outpout power stay same about to 70- 80 watts and if i turn down to 25 watts the ALC showing to work again.But any way the modulation has overload level.Hope to help with this description for any conclution about this condition.

73
Chris
SV1HEP

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> What does it do when hooked to a dummy load? Same thing?
> bill
> "herthanasen <chrvass@h...>" <chrvass@h...> wrote:Hi group.
> This is my second message because the first one for unknown reason
> do not e-posting.I need you opinion and maybe you help at this
> problem.My ts850 under 10.499.00 mhz and above 21.000.00 mhz it's
> working perfect.But in this zone 10.5 to 21 mhz with a peak to 16
> mhz the tx audio (both usb-lsb) it's overemphasized like something
> to overdrive the audio makes the sound to be distorted.The problem
> exist over to 20-30 watts output.If i use speech prossesor i have
> not ALC indication on meter and tx audio it's horribile bulky. I
> make all tests with dummy load and antenna. Also i use for power
> supply battery and external switching power supply without any
lucky.
> Any help welcomed.
> 73
> Chris
> SV1HEP
>
>
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> THANKS FOR USING TS-850_450_690@Y...
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>

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> see our website www.amateur-repairs.com
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>
>
> ---------------------------------
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>
> [Non-text portions of this message have been removed]

# 774. Re: TS-850 tx audio distortion in 20

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-22 15:47:06 UTC
From: Clif <avvidclif@yahoo.com>
Topic: 762  Message: 774

--- In TS-850_450_690@yahoogroups.com, "herthanasen <chrvass@h...>"
<chrvass@h...> wrote:
> Hallo again.
>
> First of all many thanks for responce.Second return to my
> problem.Exactly the same thing when i conect to a dummy.The
> modulation in 10.499.99 mhz it's perfect, but with the BPF relay
> makes a click to 10.5 the ALC meter going down to zero from any
> point i have before calibrate and starting this tx modulation
> distortion.The outpout power stay same about to 70- 80 watts and
if
> i turn down to 25 watts the ALC showing to work again.But any way
> the modulation has overload level.Hope to help with this
description
> for any conclution about this condition.
>
> 73
> Chris
> SV1HEP

1. Do you have a service manual???

My first thought would be a shorted/leaky diode in the RX filter. To
check for this locate IC-1 on the RF unit. Put the radio on 20m and
check the voltages on IC-1.
Pins 1-3 ~11.5v
Pin 4 <.5v
Pins 5-7 ~11.5v
Pins 9-11 ~11.5v

Especially check pin 3 for abt 4-6v, if so then it's probably D16.

Clif
www.avvid.com

> --- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> >
> > What does it do when hooked to a dummy load? Same thing?
> > bill
> > "herthanasen <chrvass@h...>" <chrvass@h...> wrote:Hi group.
> > This is my second message because the first one for unknown
reason
> > do not e-posting.I need you opinion and maybe you help at this
> > problem.My ts850 under 10.499.00 mhz and above 21.000.00 mhz
it's
> > working perfect.But in this zone 10.5 to 21 mhz with a peak to

16
> > mhz the tx audio (both usb-lsb) it's overemphasized like
something
> > to overdrive the audio makes the sound to be distorted.The
problem
> > exist over to 20-30 watts output.If i use speech prossesor i
have
> > not ALC indication on meter and tx audio it's horribile bulky. I
> > make all tests with dummy load and antenna. Also i use for power
> > supply battery and external switching power supply without any
> lucky.
> > Any help welcomed.
> > 73
> > Chris
> > SV1HEP
> >
> >
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> > THANKS FOR USING TS-850_450_690@Y...
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> Service.
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> >
> > see our website www.amateur-repairs.com
> >
> >
> >
> > ---------------------------------
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> >
> > [Non-text portions of this message have been removed]

# 775. Re: TS-850 tx audio distortion in 20

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-22 22:04:55 UTC
From: herthanasen <chrvass@hotmail.com>
Topic: 762  Message: 775

Hi Clif

Yes i have the Service Manual and i make all test from item 23 to
30. Everything seems perfect.Also the voltage it's same to you
describe below.In 20m.
Pins 1-3 10.5 +/- .05
Pin 4 .40
Pins 5-7 10.5 +/- .05
Pin 8 Ground
Pins 9-11 10.5 +/- .05
Pins 12-13 .08
Pins 14-16 4.8

Any other idea?
73
Chris
SV1HEP

> 1. Do you have a service manual???
>
> My first thought would be a shorted/leaky diode in the RX filter.
To
> check for this locate IC-1 on the RF unit. Put the radio on 20m
and
> check the voltages on IC-1.
> Pins 1-3 ~11.5v
> Pin 4 <.5v
> Pins 5-7 ~11.5v
> Pins 9-11 ~11.5v
>
> Especially check pin 3 for abt 4-6v, if so then it's probably D16.
>
>
>
> Clif
> www.avvid.com
>

> <chrvass@h...> wrote:
> > Hallo again.
> >
> > First of all many thanks for responce.Second return to my
> > problem.Exactly the same thing when i conect to a dummy.The
> > modulation in 10.499.99 mhz it's perfect, but with the BPF relay
> > makes a click to 10.5 the ALC meter going down to zero from any
> > point i have before calibrate and starting this tx modulation

> > distortion.The outpout power stay same about to 70- 80 watts and
> if
> > i turn down to 25 watts the ALC showing to work again.But any
way
> > the modulation has overload level.Hope to help with this
> description
> > for any conclution about this condition.
> >
> > 73
> > Chris
> > SV1HEP
>
> > --- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...>
wrote:
> > >
> > > What does it do when hooked to a dummy load? Same thing?
> > > bill

> > > "herthanasen <chrvass@h...>" <chrvass@h...> wrote:Hi group.
> > > This is my second message because the first one for unknown
> reason
> > > do not e-posting.I need you opinion and maybe you help at this
> > > problem.My ts850 under 10.499.00 mhz and above 21.000.00 mhz
> it's
> > > working perfect.But in this zone 10.5 to 21 mhz with a peak to
> 16
> > > mhz the tx audio (both usb-lsb) it's overemphasized like
> something
> > > to overdrive the audio makes the sound to be distorted.The
> problem
> > > exist over to 20-30 watts output.If i use speech prossesor i
> have
> > > not ALC indication on meter and tx audio it's horribile bulky.
I
> > > make all tests with dummy load and antenna. Also i use for
power
> > > supply battery and external switching power supply without any
> > lucky.
> > > Any help welcomed.
> > > 73
> > > Chris
> > > SV1HEP
> > >

# 776. Re: TS-850 tx audio distortion in 20

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-24 16:20:22 UTC
From: Clif <avvidclif@yahoo.com>
Topic: 762  Message: 776

One more check. On the RF unit make sure the collector of Q6 and Q7 are both high when on 20m. Or look at the Anode of D8 and D11. Should be ~11.5v.

I'm trying to find a connection between the exact range of distortion and something being switched in or out at those points. So far nothing seems to match up but your description of the problems points me first to the RX BPF filters. That's why I 'm having you check those.

Clif
www.avvid.com

--- In TS-850_450_690@yahoogroups.com, "herthanasen <chrvass@h...>" <chrvass@h...> wrote:
> Hi Clif
>
> Yes i have the Service Manual and i make all test from item 23 to
> 30. Everything seems perfect.Also the voltage it's same to you
> describe below.In 20m.
> Pins 1-3 10.5 +/- .05
> Pin 4 .40
> Pins 5-7 10.5 +/- .05
> Pin 8 Ground
> Pins 9-11 10.5 +/- .05
> Pins 12-13 .08
> Pins 14-16 4.8
>
> Any other idea?
> 73
> Chris
> SV1HEP
>
> > 1. Do you have a service manual???
> >
> > My first thought would be a shorted/leaky diode in the RX filter.
> To
> > check for this locate IC-1 on the RF unit. Put the radio on 20m
> and
> > check the voltages on IC-1.
> > Pins 1-3 ~11.5v
> > Pin 4 <.5v
> > Pins 5-7 ~11.5v
> > Pins 9-11 ~11.5v
> >

> > Especially check pin 3 for abt 4-6v, if so then it's probably
D16.
> >
> >
> >
> > Clif
> > www.avvid.com
> >
>
>
> > <chrvass@h...> wrote:
> > > Hallo again.
> > >
> > > First of all many thanks for responce.Second return to my
> > > problem.Exactly the same thing when i conect to a dummy.The
> > > modulation in 10.499.99 mhz it's perfect, but with the BPF
relay
> > > makes a click to 10.5 the ALC meter going down to zero from
any
> > > point i have before calibrate and starting this tx modulation
> > > distortion.The outpout power stay same about to 70- 80 watts
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> > if
> > > i turn down to 25 watts the ALC showing to work again.But any
> way
> > > the modulation has overload level.Hope to help with this
> > description
> > > for any conclution about this condition.
> > >
> > > 73
> > > Chris
> > > SV1HEP
> >
> > > --- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...>
> wrote:
> > > >
> > > > What does it do when hooked to a dummy load? Same thing?
> > > > bill
>
>
> > > > "herthanasen <chrvass@h...>" <chrvass@h...> wrote:Hi group.
> > > > This is my second message because the first one for unknown
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this
> > > > problem.My ts850 under 10.499.00 mhz and above 21.000.00 mhz
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to
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> > > > mhz the tx audio (both usb-lsb) it's overemphasized like
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> > > > > exist over to 20-30 watts output.If i use speech prossesor i
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> > > > > make all tests with dummy load and antenna. Also i use for
> power
> > > > > supply battery and external switching power supply without
any
> > > lucky.
> > > > > Any help welcomed.
> > > > > 73
> > > > > Chris
> > > > > SV1HEP
> > > > >

# 777. Re: considering an 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-25 13:26:03 UTC
From: Tom <trg46@yahoo.com>
Topic: 777  Message: 777

Ive been ham for 35 years - tried many radios. The 850 now is the best radio for the dollar on the used market. The receiver in the 850 is almost as good as the receiver in the TS 870. The 850 receiver sounds much better than my Icom 746 also. To find a better radio, you will buying a high priced newer radio exceeding $1,500.00 no question.

Them, with coorsbill our moderator as an 850 repair expert - your in good hands should you have problems and need service. Bill has done all the mods to my 850 and its an even better radio than before.

73 de Tom WA3KQA

# 778. matching power supply

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-25 13:28:00 UTC
From: Tom <trg46@yahoo.com>
Topic: 778  Message: 778

I have available the Kenwood PS-52 matching power supply for the TS850. I'm looking for a good 2 meter FM xcvr on trade or will accept offers on the power supply.

# 779. Re: [TS-850_450_690] matching power supply

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-25 16:09:42 UTC
From: Jim ve3mij
Topic: 778  Message: 779

I've got an Icom 02-AT with charger that I would trade, if that's of interest.

----- Original Message -----
From: <trg46@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, January 25, 2003 8:28 AM
Subject: [TS-850_450_690] matching power supply

> I have available the Kenwood PS-52 matching power supply for the
> TS850. I'm looking for a good 2 meter FM xcvr on trade or will
> accept offers on the power supply.
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 780. Re: TS-850 tx audio distortion in 20

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-26 00:51:08 UTC
From: herthanasen <chrvass@hotmail.com>
Topic: 762  Message: 780

Hi again to all readers

Dear Cliff I check all that components in BPF filters.Everything seems ok.Like say on Page 110 on Service manual i check all pins of IC1 and the Q6 Q7 each BPF is active low. When the 20 it's low all other has ~10.5 about. Something else, when i remove the CN2 coaxial from RF board (DRV output) then on my monitor i have no change in tx mod from 10.499 to 10.5 of course i have not displaying the ALC level but the quality of modulation seems ok.Not distort in any band.After that i check also the relay on LPF and that it's ok.The problem exist just i say before,when i turn from 10.499 (on relay click)to 10.5 with a peak in 16mhz after that comes down and disappear on 21mhz. On 19.999 i have it on 21.000 crystal clear tx mod.This problem make me blood boil.Hi Hi.Any way any other idea welcoming.
73
Chris
SV1HEP

--- In TS-850_450_690@yahoogroups.com, "Clif <avvidclif@y...>" <avvidclif@y...> wrote:
> One more check. On the RF unit make sure the collector of Q6 and Q7
> are both high when on 20m. Or look at the Anode of D8 and D11.
> Should be ~11.5v.
>
> I'm trying to find a connection between the exact range of
> distortion and something being switched in or out at those points.
> So far nothing seems to match up but your description of the
> problems points me first to the RX BPF filters. That's why I 'm
> having you check those.
>
> Clif
> www.avvid.com
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "herthanasen <chrvass@h...>"
> <chrvass@h...> wrote:
> > Hi Clif
> >
> > Yes i have the Service Manual and i make all test from item 23 to
> > 30. Everything seems perfect.Also the voltage it's same to you

> > describe below.In 20m.
> > Pins 1-3 10.5 +/- .05
> > Pin 4 .40
> > Pins 5-7 10.5 +/- .05
> > Pin 8 Ground
> > Pins 9-11 10.5 +/- .05
> > Pins 12-13 .08
> > Pins 14-16 4.8
> >
> > Any other idea?
> > 73
> > Chris
> > SV1HEP
> >
> > > 1. Do you have a service manual???
> > >
> > > My first thought would be a shorted/leaky diode in the RX
> filter.
> > To
> > > check for this locate IC-1 on the RF unit. Put the radio on
20m
> > and
> > > check the voltages on IC-1.
> > > Pins 1-3 ~11.5v
> > > Pin 4 <.5v
> > > Pins 5-7 ~11.5v
> > > Pins 9-11 ~11.5v
> > >
> > > Especially check pin 3 for abt 4-6v, if so then it's probably
> D16.
> > >
> > >
> > >
> > > Clif
> > > www.avvid.com
> > >
> >
> >
> > > <chrvass@h...> wrote:
> > > > Hallo again.
> > > >
> > > > First of all many thanks for responce.Second return to my
> > > > problem.Exactly the same thing when i conect to a dummy.The
> > > > modulation in 10.499.99 mhz it's perfect, but with the BPF
> relay
> > > > makes a click to 10.5 the ALC meter going down to zero from
> any
> > > > point i have before calibrate and starting this tx
modulation
> > > > distortion.The outpout power stay same about to 70- 80 watts

> and
> > > if
> > > > i turn down to 25 watts the ALC showing to work again.But
any
> > way
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> > > description
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> > > >
> > > > 73
> > > > Chris
> > > > SV1HEP
> > >
> > > > --- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...>
> > wrote:
> > > > >
> > > > > What does it do when hooked to a dummy load? Same thing?
> > > > > bill
> > >
> >
> > > > > "herthanasen <chrvass@h...>" <chrvass@h...> wrote:Hi
group.
> > > > > This is my second message because the first one for
unknown
> > > reason
> > > > > do not e-posting.I need you opinion and maybe you help at
> this
> > > > > problem.My ts850 under 10.499.00 mhz and above 21.000.00
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> > > > > mhz the tx audio (both usb-lsb) it's overemphasized like
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> > > > > not ALC indication on meter and tx audio it's horribile
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> > I
> > > > > make all tests with dummy load and antenna. Also i use for
> > power
> > > > > supply battery and external switching power supply without
> any
> > > > lucky.
> > > > > Any help welcomed.

> > > > > 73
> > > > > Chris
> > > > > SV1HEP
> > > > >

# 781. Re: [TS-850_450_690] Re: TS-850 tx audio distortion in 20

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-26 04:35:41 UTC
From: Bill
Topic: 762  Message: 781

Beginning to sound like a DDS problem...??
b
"herthanasen <chrvass@...>" <chrvass@...> wrote:Hi again to all readers

Dear Cliff I check all that components in BPF filters.Everything
seems ok.Like say on Page 110 on Service manual i check all pins of
IC1 and the Q6 Q7 each BPF is active low. When the 20 it's low all
other has ~10.5 about. Something else, when i remove the CN2 coaxial
from RF board (DRV output) then on my monitor i have no change in tx
mod from 10.499 to 10.5 of course i have not displaying the ALC
level but the quality of modulation seems ok.Not distort in any
band.After that i check also the relay on LPF and that it's ok.The
problem exist just i say before,when i turn from 10.499 (on relay
click)to 10.5 with a peak in 16mhz after that comes down and
disappear on 21mhz. On 19.999 i have it on 21.000 crystal clear tx
mod.This problem make me blood boil.Hi Hi.Any way any other idea
welcoming.
73
Chris
SV1HEP

--- In TS-850_450_690@yahoogroups.com, "Clif <avvidclif@y...>"
<avvidclif@y...> wrote:
> One more check. On the RF unit make sure the collector of Q6 and
Q7
> are both high when on 20m. Or look at the Anode of D8 and D11.
> Should be ~11.5v.
>
> I'm trying to find a connection between the exact range of
> distortion and something being switched in or out at those points.
> So far nothing seems to match up but your description of the
> problems points me first to the RX BPF filters. That's why I 'm
> having you check those.
>
> Clif
> www.avvid.com
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "herthanasen
<chrvass@h...>"
> <chrvass@h...> wrote:
> > Hi Clif
> >
> > Yes i have the Service Manual and i make all test from item 23

to
> > 30. Everything seems perfect.Also the voltage it's same to you
> > describe below.In 20m.
> > Pins 1-3 10.5 +/- .05
> > Pin 4 .40
> > Pins 5-7 10.5 +/- .05
> > Pin 8 Ground
> > Pins 9-11 10.5 +/- .05
> > Pins 12-13 .08
> > Pins 14-16 4.8
> >
> > Any other idea?
> > 73
> > Chris
> > SV1HEP
> >
> > > 1. Do you have a service manual???
> > >
> > > My first thought would be a shorted/leaky diode in the RX
> filter.
> > To
> > > check for this locate IC-1 on the RF unit. Put the radio on
20m
> > and
> > > check the voltages on IC-1.
> > > Pins 1-3 ~11.5v
> > > Pin 4 <.5v
> > > Pins 5-7 ~11.5v
> > > Pins 9-11 ~11.5v
> > >
> > > Especially check pin 3 for abt 4-6v, if so then it's probably
> D16.
> > >
> > >
> > >
> > > Clif
> > > www.avvid.com
> > >
> >
> >
> > > <chrvass@h...> wrote:
> > > > Hallo again.
> > > >
> > > > First of all many thanks for responce.Second return to my
> > > > problem.Exactly the same thing when i conect to a dummy.The
> > > > modulation in 10.499.99 mhz it's perfect, but with the BPF
> relay
> > > > makes a click to 10.5 the ALC meter going down to zero from
> any
> > > > point i have before calibrate and starting this tx

modulation
> > > > distortion.The outpout power stay same about to 70- 80 watts
> and
> > > if
> > > > i turn down to 25 watts the ALC showing to work again.But
any
> > way
> > > > the modulation has overload level.Hope to help with this
> > > description
> > > > for any conclution about this condition.
> > > >
> > > > 73
> > > > Chris
> > > > SV1HEP
> > >
> > > > --- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...>
> > wrote:
> > > > >
> > > > > What does it do when hooked to a dummy load? Same thing?
> > > > > bill
> > >
> >
> > > > > "herthanasen <chrvass@h...>" <chrvass@h...> wrote:Hi
group.
> > > > > This is my second message because the first one for
unknown
> > > reason
> > > > > do not e-posting.I need you opinion and maybe you help at
> this
> > > > > problem.My ts850 under 10.499.00 mhz and above 21.000.00
mhz
> > > it's
> > > > > working perfect.But in this zone 10.5 to 21 mhz with a
peak
> to
> > > 16
> > > > > mhz the tx audio (both usb-lsb) it's overemphasized like
> > > something
> > > > > to overdrive the audio makes the sound to be distorted.The
> > > problem
> > > > > exist over to 20-30 watts output.If i use speech prossesor
i
> > > have
> > > > > not ALC indication on meter and tx audio it's horribile
> bulky.
> > I
> > > > > make all tests with dummy load and antenna. Also i use for
> > power
> > > > > supply battery and external switching power supply without
> any

> > > > lucky.
> > > > > Any help welcomed.
> > > > > 73
> > > > > Chris
> > > > > SV1HEP
> > > > >

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[Non-text portions of this message have been removed]

# 782. New Member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-26 04:53:16 UTC
From: Bill Leahy <coorsbill@yahoo.com>
Topic: 782  Message: 782

Welcome Actl23, please introduce yourself!
73,

Bill K0ZL

# 784. Re: TS-850 tx audio distortion in 20

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-27 22:27:28 UTC
From: herthanasen <chrvass@hotmail.com>
Topic: 762  Message: 784

I hope to you be wrong for DDS dear Bill :), for only one
reason.
I check on www.pacparts.com to buy a new one and My good God the
price is a half ts-850 ($324.87)?????
Any suggestion for any other supplier? Or where i found that in fair
price?
73
Chris
SV1HEP

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> Beginning to sound like a DDS problem...??
> b

# 785. Re: TS-850 tx audio distortion in 20

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-28 16:14:35 UTC
From: Clif <avvidclif@yahoo.com>
Topic: 762  Message: 785

Ok to be sure we are looking in the right place disconnect the RX
ant line where it goes into the RF unit and see if the distortion is
still there.

If so then check Q49 and make sure it's working (the collector
should go to ground in tx).

Also check again on the DDS chips, P/N YM6631, they are $28, you
must have priced the entire board.

Clif
www.avvid.com

--- In TS-850_450_690@yahoogroups.com, "herthanasen <chrvass@h...>"
<chrvass@h...> wrote:
> Hi again to all readers
>
> Dear Cliff I check all that components in BPF filters.Everything
> seems ok.Like say on Page 110 on Service manual i check all pins
of
> IC1 and the Q6 Q7 each BPF is active low. When the 20 it's low all
> other has ~10.5 about. Something else, when i remove the CN2
coaxial
> from RF board (DRV output) then on my monitor i have no change in
tx
> mod from 10.499 to 10.5 of course i have not displaying the ALC
> level but the quality of modulation seems ok.Not distort in any
> band.After that i check also the relay on LPF and that it's ok.The
> problem exist just i say before,when i turn from 10.499 (on relay
> click)to 10.5 with a peak in 16mhz after that comes down and
> disappear on 21mhz. On 19.999 i have it on 21.000 crystal clear tx
> mod.This problem make me blood boil.Hi Hi.Any way any other idea
> welcoming.
> 73
> Chris
> SV1HEP
>
> --- In TS-850_450_690@yahoogroups.com, "Clif <avvidclif@y...>"
> <avvidclif@y...> wrote:
> > One more check. On the RF unit make sure the collector of Q6 and
> Q7
> > are both high when on 20m. Or look at the Anode of D8 and D11.
> > Should be ~11.5v.
> >
> > I'm trying to find a connection between the exact range of
> > distortion and something being switched in or out at those

points.
> > So far nothing seems to match up but your description of the
> > problems points me first to the RX BPF filters. That's why I 'm
> > having you check those.
> >
> > Clif
> > www.avvid.com
> >
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "herthanasen
> <chrvass@h...>"
> > <chrvass@h...> wrote:
> > > Hi Clif
> > >
> > > Yes i have the Service Manual and i make all test from item 23
> to
> > > 30. Everything seems perfect.Also the voltage it's same to you
> > > describe below.In 20m.
> > > Pins 1-3 10.5 +/- .05
> > > Pin 4 .40
> > > Pins 5-7 10.5 +/- .05
> > > Pin 8 Ground
> > > Pins 9-11 10.5 +/- .05
> > > Pins 12-13 .08
> > > Pins 14-16 4.8
> > >
> > > Any other idea?
> > > 73
> > > Chris
> > > SV1HEP
> > >
> > > > 1. Do you have a service manual???
> > > >
> > > > My first thought would be a shorted/leaky diode in the RX
> > filter.
> > > To
> > > > check for this locate IC-1 on the RF unit. Put the radio on
> 20m
> > > and
> > > > check the voltages on IC-1.
> > > > Pins 1-3 ~11.5v
> > > > Pin 4 <.5v
> > > > Pins 5-7 ~11.5v
> > > > Pins 9-11 ~11.5v
> > > >
> > > > Especially check pin 3 for abt 4-6v, if so then it's
probably
> > D16.
> > > >

> > > >
> > > >
> > > > Clif
> > > > www.avvid.com
> > > >
> > >
> > >
> > > > <chrvass@h...> wrote:
> > > > > Hallo again.
> > > > >
> > > > > First of all many thanks for responce.Second return to my
> > > > > problem.Exactly the same thing when i conect to a
dummy.The
> > > > > modulation in 10.499.99 mhz it's perfect, but with the BPF
> > relay
> > > > > makes a click to 10.5 the ALC meter going down to zero
from
> > any
> > > > > point i have before calibrate and starting this tx
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> > > > > distortion.The outpout power stay same about to 70- 80
watts
> > and
> > > > if
> > > > > i turn down to 25 watts the ALC showing to work again.But
> any
> > > way
> > > > > the modulation has overload level.Hope to help with this
> > > > description
> > > > > for any conclution about this condition.
> > > > >
> > > > > 73
> > > > > Chris
> > > > > SV1HEP
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, Bill
<coorsbill@y...>
> > > wrote:
> > > > > >
> > > > > > What does it do when hooked to a dummy load? Same thing?
> > > > > > bill
> > >
> > >
> > > > > > "herthanasen <chrvass@h...>" <chrvass@h...> wrote:Hi
> group.
> > > > > > This is my second message because the first one for
> unknown
> > > > reason
> > > > > > do not e-posting.I need you opinion and maybe you help
at

> > this
> > > > > > problem.My ts850 under 10.499.00 mhz and above 21.000.00
> mhz
> > > > it's
> > > > > > working perfect.But in this zone 10.5 to 21 mhz with a
> peak
> > to
> > > > 16
> > > > > > mhz the tx audio (both usb-lsb) it's overemphasized like
> > > > something
> > > > > > to overdrive the audio makes the sound to be
distorted.The
> > > > problem
> > > > > > exist over to 20-30 watts output.If i use speech
prossesor
> i
> > > > have
> > > > > > not ALC indication on meter and tx audio it's horribile
> > bulky.
> > > I
> > > > > > make all tests with dummy load and antenna. Also i use
for
> > > power
> > > > > > supply battery and external switching power supply
without
> > any
> > > > > lucky.
> > > > > > Any help welcomed.
> > > > > > 73
> > > > > > Chris
> > > > > > SV1HEP
> > > > > >

# 786. Re: [TS-850_450_690] Re: TS-850 tx audio distortion in 20

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-28 16:21:18 UTC
From: Bill
Topic: 762  Message: 786

No, that is the correct price! However, you should be able to find one of the DDS ICs that is faulty, using freeze mist and a hair dryer.
The chips are about 25.00 each but tricky to change.
bill
"herthanasen <chrvass@...>" <chrvass@...> wrote:I hope to you be wrong for DDS dear Bill :), for only one
reason.
I check on www.pacparts.com to buy a new one and My good Good the
price is a half ts-850 ($324.87)?????
Any suggestion for any other supplier? Or where i found that in fair
price?
73
Chris
SV1HEP

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> Beginning to sound like a DDS problem...??
> b
of this message have been removed]

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[Non-text portions of this message have been removed]

# 787. Re: [TS-850_450_690] Re: TS-850 tx audio distortion in 20

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-28 16:22:06 UTC
From: Bill
Topic: 762  Message: 787

Give me a few days, let me see if I can figure out something from the manuals and my own rig.
b
"herthanasen <chrvass@...>" <chrvass@...> wrote:I hope to you be wrong for DDS dear Bill :), for only one
reason.
I check on www.pacparts.com to buy a new one and My good Good the
price is a half ts-850 ($324.87)?????
Any suggestion for any other supplier? Or where i found that in fair
price?
73
Chris
SV1HEP

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> Beginning to sound like a DDS problem...??
> b
of this message have been removed]

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[Non-text portions of this message have been removed]

# 788. Re: TS-850 tx audio distortion in 20

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-29 13:29:40 UTC
From: herthanasen <chrvass@hotmail.com>
Topic: 762  Message: 788

Thank you Bill.
I am waiting for the resaults. In the meanwhile I will buy a couple of that chip for any unexpected reason.

Also i make all test Dear Clif. If I unplug the RX line from RF board the problem exist.I chek Q49 and work under all situations.Something more for that problem. Freq:10.499 Mod:CW TXPower:80 watts the ALC shows full scale. Now Freq:10.500 Mod:CW TXPower:80 watts the ALC shows zero. Well exist also in CW mode. Other test. Freq:~16.000 (this frq it's the midle of problem zone)Mod:USB/LSB TXPower:80 watts MicGain:Full PROC:Min when I press PTT I hear a noise from monitor to my headphones like woodpecker.
I hope I'm not bothering you with all this.
73
Chris
SV1HEP

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> Give me a few days, let me see if I can figure out something from the manuals and my own rig.
> b

# 789. Re: [TS-850_450_690] Re: TS-850 tx audio distortion in 20

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-01-29 19:10:06 UTC
From: Bill
Topic: 762  Message: 789

sounding like dc-dc conv again

"herthanasen <chrvass@...>" <chrvass@...> wrote:Thank you Bill.
I am waiting for the resaults. In the meanwhile I will buy a couple
of that chip for any unexpected reason.

Also i make all test Dear Clif. If I unplug the RX line from RF board
the problem exist.I chek Q49 and work under all situations.Something
more for that problem. Freq:10.499 Mod:CW TXPower:80 watts the ALC
shows full scale. Now Freq:10.500 Mod:CW TXPower:80 watts the ALC
shows zero. Well exist also in CW mode. Other test. Freq:~16.000
(this frq it's the midle of problem zone)Mod:USB/LSB TXPower:80 watts
MicGain:Full PROC:Min when I press PTT I hear a noise from monitor to
my headphones like woodpecker.
I hope I'm not bothering you with all this.
73
Chris
SV1HEP

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> Give me a few days, let me see if I can figure out something from
the manuals and my own rig.
> b

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# 790. FS: TS-690SAT package

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-02 00:04:16 UTC
From: wolobmp <wolobmp@yahoo.com>
Topic: 790  Message: 790

For Sale: Kenwood TS-690SAT package. Items that come with this package: TS690SAT w/500hz cw filter, Kenwood SP31 speaker, Kenwood MC-80 desk mic and MFJ 784B DSP w/pwr sply. All items are mint condition (MARS mod incorporated) and comes with box and manuals,pwr cords. Speaker and Mic are 2 months old. All items sold as a package deal only. No trades, or CODs please. Selling this package to fund a 756PROII. Price is for package $1000 shipped. Will accept postal money order,cashiers check or paypal (credit cards are acceptable, but please add 3% for fee). Picture avialable is requested. email wolobmp@... or daytime number is 330-796-8092 w/voicemail.
Thanks for reading...Mike..WD8BMP

# 791. Re: TS-850 tx audio distortion in 20

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-03 01:30:54 UTC
From: Clif <avvidclif@yahoo.com>
Topic: 762  Message: 791

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> sounding like dc-dc conv again
>
> "herthanasen <chrvass@h...>" <chrvass@h...> wrote:Thank you Bill.
> I am waiting for the resaults. In the meanwhile I will buy a couple
> of that chip for any unexpected reason.
>
> Also i make all test Dear Clif. If I unplug the RX line from RF
board
> the problem exist.I chek Q49 and work under all
situations.Something
> more for that problem. Freq:10.499 Mod:CW TXPower:80 watts the ALC
> shows full scale. Now Freq:10.500 Mod:CW TXPower:80 watts the ALC
> shows zero. Well exist also in CW mode. Other test. Freq:~16.000
> (this frq it's the midle of problem zone)Mod:USB/LSB TXPower:80
watts
> MicGain:Full PROC:Min when I press PTT I hear a noise from monitor
to
> my headphones like woodpecker.
> I hope I'm not bothering you with all this.
> 73
> Chris
> SV1HEP
>
>
> --- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> >
> > Give me a few days, let me see if I can figure out something from
> the manuals and my own rig.
> > b
>
>
>
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>
> [Non-text portions of this message have been removed]

One more check and I give up. Check the 74LS145 decoder in the filter unit and make sure it's switching correctly. Also check for a stuck relay in the filter unit.

Clif

# 792. TS-850 audio mods site

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-04 01:30:02 UTC
From: Bill Leahy <coorsbill@yahoo.com>
Topic: 792  Message: 792

Thanks to Tyler, KA0KA for this well-done site.

http://www.ssb-audio.com/ka0ka/

Some interesting work here.

It's in the links also

b

# 793. Help! TS-850 dead?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-04 02:12:00 UTC
From: seminolefan232000 <ne4xt23@qwickconnect.
Topic: 793  Message: 793

While running the shareware TS-850 control program, my TS-850 quite receiving (no receive volume) display very dim and appeared to be all 8s. the only function that seem to work are notch(the light lights when the notch filter button is depressed). The only other light lit is the MHZ indicator. Radio will change freq., tune, produce audio, etc. Appears to be a power problem. Is there an internal fuse that I have been unable to locate? This happened (as I recall) when I hit the scan function on the TS-850 programs control screen.

Thanks in advance for any help.
Bill
NE4XT
Titusville, Florida

# 794. Re: TS-850 audio mods site

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-04 03:43:59 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 792  Message: 794

--- In TS-850_450_690@yahoogroups.com, "Bill Leahy <coorsbill@y...>"
<coorsbill@y...> wrote:
> Thanks to Tyler, KA0KA for this well-done site.
>
> http://www.ssb-audio.com/ka0ka/
>
> Some interesting work here.
>
> It's in the links also

I would have to agree Bill. Very informative site. I have heard
Tyler on 14.178 and his audio sounds very good. I have considered
doing the AM balanced modulator input mod, but have yet to find an
affordable DSP-100 unit for sale.

Max

# 795. Re: Help! TS-850 dead?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-04 03:46:29 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 793  Message: 795

Maybe too obvious a question Bill, but have you tried running the radio without the interface connected? Might be a possible short in the interface. I have been running a homebrew on mine for months with no problems.

Max

# 796. Re: [TS-850_450_690] Help! TS-850 dead?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-04 08:49:13 UTC
From: Bill
Topic: 793  Message: 796

What is your power supply doing?
Has the rear DC connector gotten warm? These get corroded and will drop a lot of voltage in TX and have to be replaced from time to time.
b
"seminolefan232000 <ne4xt23@...>" <ne4xt23@...> wrote:While running the shareware TS-850 control program, my TS-850 quite
receiving (no receive volume) display very dim and appeared to be
all 8s. the only function that seem to work are notch(the light
lights when the notch filter button is depressed). The only other
light lit is the MHZ indicator. Radio will change freq., tune,
produce audio, etc. Appears to be a power problem. Is there an
internal fuse that I have been unable to locate? This happened (as I
recall) when I hit the scan function on the TS-850 programs control
screen.

Thanks in advance for any help.
Bill
NE4XT
Titusville, Florida

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[Non-text portions of this message have been removed]

# 797. Welcome new member abramsja

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-04 16:38:22 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 797  Message: 797

Welcome to the group Jerry. Take a second and introduce yourself.

# 798. Re: Help! TS-850 dead?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-04 23:44:40 UTC
From: seminolefan232000 <ne4xt23@qwickconnect.
Topic: 793  Message: 798

Thanks for the input Max. Actually that is the first thing I did,
after crying.....hi hi....

Thanks anyway Max

Bill
NE4XT

--- In TS-850_450_690@yahoogroups.com, "ve3tmt <ve3tmt@y...>"
<ve3tmt@y...> wrote:
> Maybe too obvious a question Bill, but have you tried running the
> radio without the interface connected? Might be a possible short
in
> the interface. I have been running a homebrew on mine for months
> with no problems.
>
> Max

# 799. Re: Help! TS-850 dead?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-04 23:47:27 UTC
From: seminolefan232000 <ne4xt23@qwickconnect.
Topic: 793  Message: 799

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>Bill, are you speaking about the powersupply connector on the back
of my power supply or the back of the TS-850? In either case, I
will give them both a look.

Thanks Bill
Bill
NE4XT

> What is your power supply doing?
> Has the rear DC connector gotten warm? These get corroded and will
drop a lot of voltage in TX and have to be replaced from time to
time.
> b
> "seminolefan232000 <ne4xt23@q...>" <ne4xt23@q...> wrote:While
running the shareware TS-850 control program, my TS-850 quite
> receiving (no receive volume) display very dim and appeared to be
> all 8s. the only function that seem to work are notch(the light
> lights when the notch filter button is depressed). The only other
> light lit is the MHZ indicator. Radio will change freq., tune,
> produce audio, etc. Appears to be a power problem. Is there an
> internal fuse that I have been unable to locate? This happened (as
I
> recall) when I hit the scan function on the TS-850 programs
control
> screen.
>
> Thanks in advance for any help.
> Bill
> NE4XT
> Titusville, Florida
>
>
>
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# 800. Re: [TS-850_450_690] Re: Help! TS-850 dead?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-05 15:51:03 UTC
From: Bill
Topic: 793  Message: 800

I used to run a lot of RTTY at 100w, and the Molex DC connector in the back of the rig (big one, for the main 12v line) got quite warm and started dropping a lot of volts... I had to replace the connector body and pins, and the DC cable. I now clean the connection about once a year with Cailube, no problems since.
bill
"seminolefan232000 <ne4xt23@...>" <ne4xt23@...> wrote:--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>Bill, are you speaking about the powersupply connector on the back of my power supply or the back of the TS-850? In either case, I will give them both a look.

Thanks Bill
Bill
NE4XT

> What is your power supply doing?
> Has the rear DC connector gotten warm? These get corroded and will drop a lot of voltage in TX and have to be replaced from time to time.
> b
> "seminolefan232000 <ne4xt23@q...>" <ne4xt23@q...> wrote:While running the shareware TS-850 control program, my TS-850 quite
> receiving (no receive volume) display very dim and appeared to be
> all 8s. the only function that seem to work are notch(the light
> lights when the notch filter button is depressed). The only other
> light lit is the MHZ indicator. Radio will change freq., tune,
> produce audio, etc. Appears to be a power problem. Is there an
> internal fuse that I have been unable to locate? This happened (as I
> recall) when I hit the scan function on the TS-850 programs control
> screen.
>
> Thanks in advance for any help.
> Bill
> NE4XT
> Titusville, Florida
>
>
>
> THANKS FOR USING TS-850_450_690@Y...
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[Non-text portions of this message have been removed]

# 801. TS-850 Erratic Power Output

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-06 02:59:02 UTC
From: k5lk <k5lk@ev1.net>
Topic: 801  Message: 801

Must be contagious! Seems to be quite a few threads lately of erratic power output on the 850. Mine has just started. The symptoms include power output that seems to drop to zero and then back to normal, changing every few 3-5 seconds or so. Doesn't seem to always do this though.... any suggestions on what might to look for?

Tnx de Bill, K5LK

# 802. Re: [TS-850_450_690] TS-850 Erratic Power Output

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-06 04:51:55 UTC
From: Bill
Topic: 801  Message: 802

Replace the DC-DC converter unit. Located under top cover, front left of panel as you face the rig, down low just behind the earphone jack.
x59-1100-00 is kenwood part number.
Use 1/2 of a 22 pin dip socket when you replace it, so you won't have to desolder next time.
73
bill
"k5lk <k5lk@...>" <k5lk@...> wrote:Must be contagious! Seems to be quite a few threads lately of
erratic power output on the 850. Mine has just started. The
symptoms include power output that seems to drop to zero and then
back to normal, changing every few 3-5 seconds or so. Doesn't seem
to always do this though.... any suggestions on what might to look
for?

Tnx de Bill, K5LK

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# 803. BK-SW UNIT, Q3 AND VOX OPERATION

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-06 14:48:00 UTC
From: Bill Leahy <coorsbill@yahoo.com>
Topic: 803  Message: 803

Thought I would share a couple of posts between Stu and myself:

<start>
Q3 on the BK SW board keys the SS line when the VOX is turned on. If
it is open, VOX keying won't work. If it is shorted, the radio will
want to stay in TX mode all the time.
Bill

-----Original Message-----
From: Stu
Sent: Tuesday, January 28, 2003 9:17 AM
To: B&B Technical Services
Subject: Re: [TS-850_450_690] TS850

Hi Bill
just read back some of my mails about the ts850 and I see one mention
Q3 on the BK SW board how would one check this component?
there is no visible signs of damage but that doesn't always work
what would I be looking for with a multimetter?
Stu
<end>

# 804. ] TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-09 03:11:42 UTC
From: Stu
Topic: 804  Message: 804

Hi Guys yet another problem on the 850 front
this time it was my clubs radio
Power supply went I think
radio shut down smell from power supply so disconnected all moved supply
away checked fuses on 850 and the inline 20amp on the pos line blown but
neg line ok. So get other power supply out connect up after replacing fuse
and now when I switch the 850 on nothing but the power supply starts to
draw loads of amps any ideas?

think I will stay away from radios for a bit
Stu MM0BSM {GM6NX club}

# 805. Welcome tubularone to the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-09 19:29:50 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 805  Message: 805

Please introduce yourself,

The moderators.

# 806. Welcome new member KC0DLP

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-09 21:41:48 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 806  Message: 806

Welcome to the group, please introduce yourself.

# 807. Re: Help! TS-850 dead?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-10 00:22:58 UTC
From: seminolefan232000 <ne4xt23@qwickconnect.
Topic: 793  Message: 807

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> I used to run a lot of RTTY at 100w, and the Molex DC connector in
the back of the rig (big one, for the main 12v line) got quite warm
and started dropping a lot of volts... I had to replace the
connector body and pins, and the DC cable. I now clean the
connection about once a year with Cailube, no problems since.
> bill
> "seminolefan232000 <ne4xt23@q...>" <ne4xt23@q...> wrote:--- In TS-
850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> >Bill, are you speaking about the powersupply connector on the
back
> of my power supply or the back of the TS-850? In either case, I
> will give them both a look.
>
> Thanks Bill
> Bill
> NE4XT
>
> Thanks Bill,
I finally got back to the TS-850, the connectors look fine and the
voltage at the connectors look fine.
Are there fuses INSIDE the TS-850? If so I haven't found any.

Thanks again

NE4XT
Bill
> > What is your power supply doing?
> > Has the rear DC connector gotten warm? These get corroded and
will
> drop a lot of voltage in TX and have to be replaced from time to
> time.
> > b
> > "seminolefan232000 <ne4xt23@q...>" <ne4xt23@q...> wrote:While
> running the shareware TS-850 control program, my TS-850 quite
> > receiving (no receive volume) display very dim and appeared to
be
> > all 8s. the only function that seem to work are notch(the light
> > lights when the notch filter button is depressed). The only
other
> > light lit is the MHZ indicator. Radio will change freq., tune,
> > produce audio, etc. Appears to be a power problem. Is there an
> > internal fuse that I have been unable to locate? This happened
(as

> I
> > recall) when I hit the scan function on the TS-850 programs
> control
> > screen.
> >
> > Thanks in advance for any help.
> > Bill
> > NE4XT
> > Titusville, Florida
> >
> >
> >
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# 808. Re: ] TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-10 02:10:47 UTC
From: Clif <avvidclif@yahoo.com>
Topic: 804  Message: 808

Look at the finals, they won't take over 18-19v and they will short
to ground: IE high current.

Clif

--- In TS-850_450_690@yahoogroups.com, "Stu" <samalex@e...> wrote:
> Hi Guys yet another problem on the 850 front
> this time it was my clubs radio
> Power supply went I think
> radio shut down smell from power supply so disconnected all moved
supply
> away checked fuses on 850 and the inline 20amp on the pos line
blown but
> neg line ok. So get other power supply out connect up after
replacing fuse
> and now when I switch the 850 on nothing but the power supply
starts to
> draw loads of amps any ideas?
>
> think I will stay away from radios for a bit
> Stu MM0BSM {GM6NX club}

# 809. Re: Welcome tubularone to the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-10 02:00:24 UTC
From: tubularone <tubularone@yahoo.com>
Topic: 805  Message: 809

Hi,I'm John, N1XLG.I've been thinking of upgrading my license recently and have been looking at various rigs.I can't afford some of the better radios and don't think much of the $1200 and lower rigs.Been through all 3 706's,had a 746,and an 847.The only one out the bunch that was worth the money was the 746 and Icom definitely shot themselves in the foot when they discontinued/upgraded this radio.Now they have a major hole in their lineup.
So I'm looking for a good HF rig that can double as a good SWL rig. And with some luck and perseverance,maybe I'll get the upgrade.So I'll be in the market for a nice TS450.

# 810. Re: Welcome tubularone to the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-10 03:04:42 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 805  Message: 810

> Hi,I'm John, N1XLG.I've been thinking of upgrading my license
> recently and have been looking at various rigs.I can't afford some
> of the better radios and don't think much of the $1200 and lower
> rigs.Been through all 3 706's,had a 746,and an 847.The only one out
> the bunch that was worth the money was the 746 and Icom definitely
> shot themselves in the foot when they discontinued/upgraded this
> radio.Now they have a major hole in their lineup.
> So I'm looking for a good HF rig that can double as a good SWL rig.
> And with some luck and perseverance,maybe I'll get the upgrade.So
> I'll be in the market for a nice TS450.

Hi John,
Welcome to the group. You will find lots of good information and
experience here with the 450. I owned one before I got my 850 and
they are a very nice radio. If you can part with a a little more $$,
be on the lookout for an 850. They are going around the $800 mark
and is one of the best radios on the used market. With the 6 khz
filter, the 850 is a real pleasure to use for shortwave listening.
Hope you enjoy your time in our group.

73,
Max

# 811. Re: [TS-850_450_690] Re: Help! TS-850 dead?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-10 18:19:29 UTC
From: Bill
Topic: 793  Message: 811

Only other fuse I know of is I THINK in the PA section.. should not affect all that other stuff. hmmm... thinking burned PC trace, this happens with external stuff sometimes shorting the 8v in the rig.
b
"seminolefan232000 <ne4xt23@...>" <ne4xt23@...> wrote:...
> Thanks Bill,
I finally got back to the TS-850, the connectors look fine and the
voltage at the connectors look fine.
Are there fuses INSIDE the TS-850? If so I haven't found any.

Thanks again

NE4XT
Bill

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# 812. Re: [TS-850_450_690] Re: ] TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-10 18:24:08 UTC
From: Bill
Topic: 804  Message: 812

I agree with Cliff.
Don't stay away from radios... you didn't blow the thing, the power supply did. You just gettin yer feet wet, don't quit now!
I am still getting your parts order up, if you want a pair of 2sc2879s in there let me know.
bill

"Clif <avvidclif@...>" <avvidclif@...> wrote:Look at the finals, they won't take over 18-19v and they will short
to ground: IE high current.

Clif

--- In TS-850_450_690@yahoogroups.com, "Stu" <samalex@e...> wrote:
> Hi Guys yet another problem on the 850 front
> this time it was my clubs radio
> Power supply went I think
> radio shut down smell from power supply so disconnected all moved supply
> away checked fuses on 850 and the inline 20amp on the pos line blown but
> neg line ok. So get other power supply out connect up after replacing fuse
> and now when I switch the 850 on nothing but the power supply starts to
> draw loads of amps any ideas?
>
> think I will stay away from radios for a bit
> Stu MM0BSM {GM6NX club}

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# 813. Re: [TS-850_450_690] Re: Welcome tubularone to the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-10 18:30:23 UTC
From: Bill
Topic: 805  Message: 813

Have to second Max's opinion, love my 850 on SWL, especially with a big speaker!
the 12Khz filters make it sound like a vintage tube AM receiver like the SuperPro or the BC348..
b
"ve3tmt <ve3tmt@...>" <ve3tmt@...> wrote:
> Hi,I'm John, N1XLG.I've been thinking of upgrading my license
> recently and have been looking at various rigs.I can't afford some
> of the better radios and don't think much of the $1200 and lower
> rigs.Been through all 3 706's,had a 746,and an 847.The only one out
> the bunch that was worth the money was the 746 and Icom definitely
> shot themselves in the foot when they discontinued/upgraded this
> radio.Now they have a major hole in their lineup.
> So I'm looking for a good HF rig that can double as a good SWL rig.
> And with some luck and perseverance,maybe I'll get the upgrade.So
> I'll be in the market for a nice TS450.

Hi John,
Welcome to the group. You will find lots of good information and
experience here with the 450. I owned one before I got my 850 and
they are a very nice radio. If you can part with a a little more $$,
be on the lookout for an 850. They are going around the $800 mark
and is one of the best radios on the used market. With the 6 khz
filter, the 850 is a real pleasure to use for shortwave listening.
Hope you enjoy your time in our group.

73,
Max

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# 814. Re: [TS-850_450_690] Re: ] TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-10 18:45:38 UTC
From: Stu
Topic: 804  Message: 814

Cheers for the advice Cliff Bill

Will get the radio checked out on club night Thursday and see what the guys find.

will say to them to check the finals. What exactly will they be looking for?
Some of the guys are good at repairs but maybe take them a bit of time to find the culprit so any help in doing so quickly will be great.

As for the supply it was a big one that was home made several years ago. I unplugged it and left for someone else to look at.
will take along my ps52 to do some checks incase the other supply I was using to test is faulty as well. Will let you know how I get on

Stu MM0BSM

> I agree with Cliff.
> Don't stay away from radios... you didn't blow the thing, the power supply did. You just gettin yer feet wet, don't quit now!
> I am still getting your parts order up, if you want a pair of 2sc2879s in there let me know.
> bill

# 815. Re: [TS-850_450_690] Re: ] TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-10 18:53:49 UTC
From: Bill
Topic: 804  Message: 815

Homebrew power supplies are a NO NO for these rigs, in my book... sorry mate but I just can't trust my rig to anything but a good old Astron.
Here's my method for checking finals, Clif can throw his two cent's in too:
Using a high-power (>250watts) solder gun, unsolder and carefully lift the base and emitter tabs of the finals.
Using DVM on diode check mode, check both ways from base to emitter (ground), collector to emitter, and base to collector. These are NPN silicon so they should show 0.6-0.8 volts forward.
You will probably see either direct short from collector to emitter or base to emitter; either one will draw excessive current.
Could be only one transistor is bad; it's ok to change just one in my book. Have never had a problem doing that.
73,
bill
Stu <samalex@...> wrote:Cheers for the advice Cliff Bill

Will get the radio checked out on club night Thursday and see what the guys find.

will say to them to check the finals. What exactly will they be looking for?
Some of the guys are good at repairs but maybe take them a bit of time to find the culprit so any help in doing so quickly will be great.

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Stu MM0BSM

> I agree with Cliff.
> Don't stay away from radios... you didn't blow the thing, the power supply did. You just gettin yer feet wet, don't quit now!
> I am still getting your parts order up, if you want a pair of 2sc2879s in there let me know.
> bill

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# 816. Re: [TS-850_450_690] Re: ] TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-10 19:17:50 UTC
From: Stu
Topic: 804  Message: 816

> Homebrew power supplies are a NO NO for these rigs, in my book... sorry mate but I just can't trust my rig to anything but a good old Astron.

I agree that's why I use my kenwood or diawa supplies at home

I will print this out and take with me and try this out myself see if I can find the culprit before the rest get in to the club

Cheers
Stu

> Here's my method for checking finals, Clif can throw his two cent's in too:
> Using a high-power (>250watts) solder gun, unsolder and carefully lift the base and emitter tabs of the finals.
> Using DVM on diode check mode, check both ways from base to emitter (ground), collector to emitter, and base to collector. These are NPN silicon so they should show 0.6-0.8 volts forward.
> You will probably see either direct short from collector to emitter or base to emitter; either one will draw excessive current.
> Could be only one transistor is bad; it's ok to change just one in my book. Have never had a problem doing that.
> 73,
> bill

# 817. Re: Welcome tubularone to the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-10 21:04:07 UTC
From: tubularone <tubularone@yahoo.com>
Topic: 805  Message: 817

Had to smile at the mention of tube receivers...had a SuperPro,a HQ140X,and I'm on my second Collins 51J3/R388.This rig will be on it's way out the door soon.So you can see that I enjoy good quality audio.I'll be plugging the radio into a full range 6x9 oval that's in a cabinet.Nice sound without taking up much space.I haven't had a chance to really take a look at the features of each radio,but would be interested to have someone explain the advantages of the 850 over the 450.

# 818. Re: Welcome tubularone to the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-10 21:46:41 UTC
From: ve3tmt <ve3tmt@yahoo.ca>
Topic: 805  Message: 818

I haven't had a
> chance to really take a look at the features of each radio,but
would
> be interested to have someone explain the advantages of the 850
over
> the 450.

John,

I upgraded from the 450 to the 850. Why?, I don't really know except I couldn't afford a 950! I have always been a true Kenwood fan, love that Kenwood audio. And having owned and been inside and out of the 450 so many times, I thought the 850 would be nice to have. And through good dealings with another member of the group, I was able to pick one up at a good price. The 850 has a few more features than the 450, such as multiple agc settings, multi-stage attenuators, the use of the IF filters in transmit as well as receive, built in signal monitor, IF output for transverter use (the display shows the actual frequency too!). I have done all the known mods to mine and they are really easy to work on. Loads of room inside. The receive sounds great no matter if your listening to SSB or shortwave broadcasting. It was a toss up between the 850 and a 940 I was looking at. I don't regret my decision one bit. The 850 is a great radio and I plan on keeping it for a long time.

Max

# 819. Re: TS-850 Erratic Power Output

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-11 02:08:07 UTC
From: k5lk <k5lk@ev1.net>
Topic: 801  Message: 819

Tnx for the advice Bill.
The problem has not appeared in several hours so I think I will wait till it really gets bad before attacking it.
K5LK

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> Replace the DC-DC converter unit. Located under top cover, front left of panel as you face the rig, down low just behind the earphone jack.
> x59-1100-00 is kenwood part number.
> Use 1/2 of a 22 pin dip socket when you replace it, so you won't have to desolder next time.
> 73
> bill
> "k5lk <k5lk@e...>" <k5lk@e...> wrote:Must be contagious! Seems to be quite a few threads lately of
> erratic power output on the 850. Mine has just started. The
> symptoms include power output that seems to drop to zero and then
> back to normal, changing every few 3-5 seconds or so. Doesn't seem
> to always do this though.... any suggestions on what might to look
> for?
>
> Tnx de Bill, K5LK
>
>
>
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# 820. Re: [TS-850_450_690] Re: Welcome tubularone to the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-11 03:37:42 UTC
From: Bill
Topic: 805  Message: 820

Technology wise, they are very close, nearly identical front ends, mixers, IF's etc... I think the 850's larger front panel allows more controls to be out front.
bill
"tubularone <tubularone@...>" <tubularone@...> wrote:Had to smile at the mention of tube receivers...had a SuperPro,a
HQ140X,and I'm on my second Collins 51J3/R388.This rig will be on
it's way out the door soon.So you can see that I enjoy good quality
audio.I'll be plugging the radio into a full range 6x9 oval that's
in a cabinet.Nice sound without taking up much space.I haven't had a
chance to really take a look at the features of each radio,but would
be interested to have someone explain the advantages of the 850 over
the 450.

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[Non-text portions of this message have been removed]

# 821. Re: [TS-850_450_690] Re: TS-850 Erratic Power Output

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-11 03:49:16 UTC
From: Bill
Topic: 801  Message: 821

It will get worse in time.
If you want you can just remove the small board that the unit is on and send it to me, and I can change it here if you don't want to mess with it.
bill
"k5lk <k5lk@...>" <k5lk@...> wrote:Tnx for the advice Bill.
The problem has not appeared in several hours so I think I will wait
till it really gets bad before attacking it.
K5LK

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> Replace the DC-DC converter unit. Located under top cover, front
left of panel as you face the rig, down low just behind the earphone
jack.
> x59-1100-00 is kenwood part number.
> Use 1/2 of a 22 pin dip socket when you replace it, so you won't
have to desolder next time.
> 73
> bill
> "k5lk <k5lk@e...>" <k5lk@e...> wrote:Must be contagious! Seems to
be quite a few threads lately of
> erratic power output on the 850. Mine has just started. The
> symptoms include power output that seems to drop to zero and then
> back to normal, changing every few 3-5 seconds or so. Doesn't seem
> to always do this though.... any suggestions on what might to look
> for?
>
> Tnx de Bill, K5LK
>
>
>
>
>
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[Non-text portions of this message have been removed]

# 822. 850 versus 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-11 22:59:59 UTC
From: Bill Evans
Topic: 822  Message: 822

Read the QST performance reviews at the ARRL Members web site. The receiver in the 850 is probably as good as anything Kenwood ever made. Front end intermod performance is exceptional. I have both rigs (well, actually a 690, but it is just a 450 with 6m added). Love them both, but the 850 is far superior in many ways, with added features, better audio response, VBT( very good feature that is MUCH better than IF shift), IF notch, TX audio boost, keyer and that great receiver front end.

Bill VE4UD

# 823. Re: 850 versus 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-12 02:18:18 UTC
From: tubularone <tubularone@yahoo.com>
Topic: 822  Message: 823

Thanks for the replies on this question. I'll be on the prowl for one of these. Not sure which one though. Sounds like I should hold out for the 850 though. Thanks again, John, N1XLG

# 824. DRU-2 Manual Needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-12 14:19:17 UTC
From: vtnn43e48073 <vtnn43e@aol.com>
Topic: 824  Message: 824

Anyone out there know where I can get a copy of the DRU-2 manual? I have been able to find a DRU-2 but it did not come with the manual. Perhaps if someone could make a PDF of it they could post it to the files section.

Thanks
Zack Schindler
N8FNR

# 825. Welcome new member ronnielee2u

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-13 02:29:44 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 825  Message: 825

Welcome to the group. Please introduce yourself.

# 826. Re: Welcome new member ronnielee2u

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-13 05:02:27 UTC
From: ronnielee2u <ronnielee2u@yahoo.com>
Topic: 825  Message: 826

--- In TS-850_450_690@yahoogroups.com, "Max <ve3tmt@y...>"
<ve3tmt@y...> wrote:
> Welcome to the group. Please introduce yourself.

Greetings Group! Getting back into Ham Radio after a break in time. Last new rig was a 940sat. All my gear was Kenwood.
I am an Advanced class....last of a breed:) Am looking into getting a used HF rig and like what I see out there. I like the TS50-570-450-690.....just not sure yet which rig I will end up with. I don't even own a power supply anymore so if I do get one of those rigs that don't have one built in..I'll have to get one of them too. After having a 940sat, I REALLY like the built-in tuners.
Any suggestions group??
73..N6OAN..Ronnie

# 827. Re: [TS-850_450_690] Re: Welcome new member ronnielee2u

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-13 15:47:31 UTC
From: Bill
Topic: 825  Message: 827

TS-850 is my choice, unless you need smaller rig, then the 450... or for 6M, the 690.
The 450/690 would be better for field day and small shacks.
I like the 850 for the extra controls and larger size for the shack.
73!
Bill
"ronnielee2u <ronnielee2u@...>" <ronnielee2u@...> wrote:--- In
TS-850_450_690@yahoogroups.com, "Max <ve3tmt@y...>"
<ve3tmt@y...> wrote:
> Welcome to the group. Please introduce yourself.

Greetings Group! Getting back into Ham Radio after a break in time. Last new
rig was a 940sat. All my gear was Kenwood.
I am an Advanced class....last of a breed:) Am looking into getting a used HF
rig and like what I see out there. I like the TS50-570-450-690.....just not sure
yet which rig I will end up with. I don't even own a power supply anymore so if I
do get one of those rigs that don't have one built in..I'll have to get one of them
too. After having a 940sat, I REALLY like the built-in tuners.
Any suggestions group??
73..N6OAN..Ronnie

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# 828. Re: [TS-850_450_690] Re: Memory battery, pcb damage

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-13 15:50:30 UTC
From: Bill
Topic: 825  Message: 828

Well another 450 on the bench, bad memory battery, leaked or spewed onto the control unit PC board and ate up the trace that supplies 12v to the tuner. Not sure what to do about that except schedule memory battery changes before they leak... how would one do that? Can't predict the failures I guess.
Maybe put thin coat of silicone sealant on the board under the battery, if it isn't already damaged.
I now have piece of Kyner 30Ga wire wrap wire making the circuit, so the trace doesn't matter any more. I don't see any other traces that can get damaged...
bill

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# 829. Re: Memory battery, pcb damage

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-13 17:40:43 UTC
From: rsakabu <rsakabu@pwav.com>
Topic: 825  Message: 829

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
>
> Well another 450 on the bench, bad memory battery, leaked or spewed onto the control unit PC board and ate up the trace that supplies 12v to the tuner. Not sure what to do about that except schedule memory battery changes before they leak... how would one do that? Can't predict the failures I guess.

---

I thought I had seen that the 2430's came in a manganese dioxide (or carbon zinc) formualtion. Almost all are now Lithium batteries which I believe are much less prone to leaking. In any case, here are some suggestions:

1. Put a label on the back of the radio with the date of last battery change and a warning to change the battery within 7 years or risk damage to the radio from a leaking battery (with specific details of what WILL be damaged rather than the typical CYA precautions).

2. Mount the battery in a remote location like the cavity next to the ATU where it can't ruin the PC board and line it with mylar and something absorbant like Kimwipe material (something that won't deteriorate over time or spread lint around).

3. Use a coin cell battery holder. Unfortunately, all of the holders I've seen have the "opening" at the bottom (relative to how it would be mounted on a TS-450) and a leaking battery will still leak right out of the battery holder. At least, this will make battery changing much easier for a user and will require the PC board to be taken out only once.

It would be a shame to see these nice radio's knocked out of circulation because of this problem and it looks like it will happen more and more frequenly now that the original batteries are starting to expire and leak.

# 830. Re: [TS-850_450_690] Re: Memory battery, pcb damage

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-13 21:09:46 UTC
From: Bill
Topic: 825  Message: 830

thanks! Great ideas.
"rsakabu <rsakabu@...>" <rsakabu@...> wrote:--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
>
> Well another 450 on the bench, bad memory battery, leaked or spewed onto the control unit PC board and ate up the trace that supplies 12v to the tuner. Not sure what to do about that except schedule memory battery changes before they leak... how would one do that? Can't predict the failures I guess.

---

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2. Mount the battery in a remote location like the cavity next to the ATU where it can't ruin the PC board and line it with mylar and something absorbant like Kimwipe material (something that won't deteriorate over time or spread lint around).

3. Use a coin cell battery holder. Unfortunately, all of the holders I've seen have the "opening" at the bottom (relative to how it would be mounted on a TS-450) and a leaking battery will still leak right out of the battery holder. At least, this will make battery changing much easier for a user and will require the PC board to be taken out only once.

It would be a shame to see these nice radio's knocked out of circulation because of this problem and it looks like it will happen more and more frequenly now that the original batteries are starting to expire and leak.

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# 831. Re: [TS-850_450_690] Re: ] TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-13 22:09:09 UTC
From: Stu
Topic: 804  Message: 831

Hi Guys
well the radio and power supply are both doing well
the problem was 2 wires that had been snaked inside they were both in the same area where the filter unit x51-3100 a sits down on to the x51-3100 b above the final unit
this radio hasn't been opened from new so must have been like this from the start of its life
One wire comes from filter b unit next to a resistor and the other wire I just cant remember but was that area and went down towards the final board

So now its sorted and working took a bit of working out as we had it working but everytime we screwed all together it wouldn't work took 3 attempts at it till we sussed it out

So thanks all for suggestions
Stu MM0BSM/GM6NX CLUB
----- Original Message -----
From: "Bill" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, February 10, 2003 6:53 PM
Subject: Re: [TS-850_450_690] Re: ] TS850

>
> Homebrew power supplies are a NO NO for these rigs, in my book... sorry mate but I just can't trust my rig to anything but a good old Astron.
> Here's my method for checking finals, Clif can throw his two cent's in too:
> Using a high-power (>250watts) solder gun, unsolder and carefully lift the base and emitter tabs of the finals.
> Using DVM on diode check mode, check both ways from base to emitter (ground), collector to emitter, and base to collector. These are NPN silicon so they should show 0.6-0.8 volts forward.
> You will probably see either direct short from collector to emitter or base to emitter; either one will draw excessive current.
> Could be only one transistor is bad; it's ok to change just one in my book. Have never had a problem doing that.
> 73,
> bill
> Stu <samalex@...> wrote:Cheers for the advice Cliff Bill
>
> Will get the radio checked out on club night Thursday and see what the guys
> find.
>
> will say to them to check the finals. What exactly will they be looking
> for?

> Some of the guys are good at repairs but maybe take them a bit of time to
> find the culprit so any help in doing so quickly will be great.
>
> As for the supply it was a big one that was home made several years ago.
I
> unplugged it and left for someone else to look at.
> will take along my ps52 to do some checks incase the other supply I was
> using to test is faulty as well. Will let you know how I get on
>
> Stu MM0BSM
>
> > I agree with Cliff.
> > Don't stay away from radios... you didn't blow the thing, the power
> supply did. You just gettin yer feet wet, don't quit now!
> > I am still getting your parts order up, if you want a pair of 2sc2879s
in
> there let me know.
> > bill
>
>
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# 832. X59-1100-00 in TS-690???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-14 02:54:58 UTC
From: kevin_ka0i <kj558@yahoo.com>
Topic: 832  Message: 832

I recently purchased a used TS-690SAT. It shows symptoms similar to those encounterd when the X59-1100-00 board is bad in the TS-850S. I looked over the schematic and could not find that specific board listed. I also looked inside the radio and could not find it. Can someone give me the physical location of the board, if it uses that board?

Kevin Hunter
Willard, MO

# 833. TS-850 battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-14 05:22:09 UTC
From: k6htm <k6htm@yahoo.com>
Topic: 833  Message: 833

Go to Photos, "Battery-TS-850" to see how I changed the battery in my 850. --Charlie K6HTM

# 834. Re: [TS-850_450_690] X59-1100-00 in TS-690???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-14 15:06:05 UTC
From: Bill
Topic: 832  Message: 834

I looked at the skem yesterday, I could not find a dc-dc converter... must be another problem.
Is the power "pumping"? In what mode? Does reducing the rf power control help or hurt? Does it do it into a dummy load? have you checked your power supply for variance on the output voltage under load?
Any particular mode that it likes to do it in?
Some questions for ya!
bill
"kevin_ka0i <kj558@...>" <kj558@...> wrote:I recently purchased a used TS-690SAT. It shows symptoms similar to
those encounterd when the X59-1100-00 board is bad in the TS-850S.
I looked over the schematic and could not find that specific board
listed. I also looked inside the radio and could not find it. Can
someone give me the physical location of the board, if it uses that
board?

Kevin Hunter
Willard, MO

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# 835. Re: [TS-850_450_690] TS-850 battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-14 15:24:15 UTC
From: Bill
Topic: 833  Message: 835

Thanks Charlie, will check that out!
Mebbe i learn something!
hehe
bill K0ZL
"k6htm <k6htm@...>" <k6htm@...> wrote:Go to Photos, "Battery-TS-850" to see how I changed the battery in my
850. --Charlie K6HTM

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# 836. Re: X59-1100-00 in TS-690???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-14 19:06:50 UTC
From: kevin_ka0i <kj558@yahoo.com>
Topic: 832  Message: 836

Here is a a preliminary report...

Power supply voltage is ok.

The 690's RF output is in excess of what it should be. Over 200 watts. Both SSB and CW. I don't know if that is because of a defective component or if someone has been twisting on the internal controls. RF power control on the front of the radio does reduce the power to a reasonable level.

Power output in CW & FM mode is steady with no significant fluctuations in the ALC reading.

The problem seems to be in SSB mode. The output and ALC will fluctuate together while speaking into the mic. This seems to be in a regular pattern.

This does occur while using a dummy load.

Thanks for your thoughts on this Bill. At first I didn't bat an eye over this problem because I thought I knew exactly what the problem was, but the story is changing.

Kevin Hunter - KAØI
Willard, MO

Bill <coorsbill@y...> wrote:
>
> I looked at the skem yesterday, I could not find a dc-dc converter... must be another problem.
> Is the power "pumping"? In what mode? Does reducing the rf power control help or hurt? Does it do it into a dummy load? have you checked your power supply for variance on the output voltage under load?
> Any particular mode that it likes to do it in?
> Some questions for ya!
> bill

# 837. Re: [TS-850_450_690] Re: X59-1100-00 in TS-690???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-15 00:36:22 UTC
From: Bill
Topic: 832  Message: 837

ALC and output power should fluctuate together, that's how they operate.
If you run in FSK mode, or FM or AM, turn power down using the power control. Adjust the Carrier until ALC is about midscale. Does it fluctuate then?
200W is too high, would not set higher than 150 watts. PO max is an internal adjustment. By the way, turning the power level all the way down takes you down to the min of 10 watts. Adjusting VR18 on the IF unit will allow you to drop that to 4.5 watts so that you are "legal" for the qrp contests.
bill
"kevin_ka0i <kj558@...>" <kj558@...> wrote:Here is a a preliminary report...

Power supply voltage is ok.

The 690's RF output is in excess of what it should be. Over 200 watts. Both SSB and CW. I don't know if that is because of a defective component or if someone has been twisting on the internal controls. RF power control on the front of the radio does reduce the power to a reasonable level.

Power output in CW & FM mode is steady with no significant fluctuations in the ALC reading.

The problem seems to be in SSB mode. The output and ALC will fluctuate together while speaking into the mic. This seems to be in a regular pattern.

This does occur while using a dummy load.

Thanks for your thoughts on this Bill. At first I didn't bat an eye over this problem because I thought I knew exactly what the problem was, but the story is changing.

Kevin Hunter - KA?I
Willard, MO

Bill <coorsbill@y...> wrote:
>
> I looked at the skem yesterday, I could not find a dc-dc converter... must be another problem.
> Is the power "pumping"? In what mode? Does reducing the rf power control help or hurt? Does it do it into a dummy load? have you checked your power supply for variance on the output voltage under load?
> Any particular mode that it likes to do it in?
> Some questions for ya!
> bill

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# 838. Re: X59-1100-00 in TS-690???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-15 21:17:44 UTC
From: kevin_ka0i <kj558@yahoo.com>
Topic: 832  Message: 838

I didn't state that as clearly as I should have. When I say the power and ALC fluctuate, I mean that they drop unexpectedly during transmit. While speaking into the mic, one minute the voice peaks are driving the ALC meter to 2/3 scale and the next minute there is no ALC deflection on voice peaks. When this occurs, the output power is significantly reduced. I have used several different microphones. It is not a mic problem.

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> ALC and output power should fluctuate together, that's how they operate.
>

# 839. Re: X59-1100-00 in TS-690???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-15 21:23:59 UTC
From: kevin_ka0i <kj558@yahoo.com>
Topic: 832  Message: 839

The ALC does not fluctuate in CW or FSK mode. Neither does the power output. This seems to only occur during SSB operation.

Ok on how to set the low power lower. Which pot adjusts the top end of the high power? I intend to restore that to 100 watt level. I am not sure it has been intentionally increased. It may have been increased intentionally, or it may have gone "wide open" as a result of a failed component.

Adjust the Carrier until ALC is about midscale. Does it fluctuate then?
> 200W is too high, would not set higher than 150 watts. PO max is an internal adjustment.

# 840. Re: [TS-850_450_690] Re: X59-1100-00 in TS-690???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-16 01:44:07 UTC
From: Paul Manuel
Topic: 832  Message: 840

--- "kevin_ka0i <kj558@...>" <kj558@...> wrote:
While speaking into the mic, one minute the voice peaks are driving the
ALC meter to 2/3 scale and the next minute there is
> no ALC deflection on voice peaks. When this occurs the output power
> is significantly reduced. I have used several different
> microphones. It is not a mic problem.

I got in on this late, but have you made sure that all the interconnecting
cables between the boards are making good contact, perhaps by sliding them
up and down slightly?
73,
Paul K4PDM

_____
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# 841. Re: [TS-850_450_690] Re: X59-1100-00 in TS-690???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-16 02:17:39 UTC
From: Kevin Hunter
Topic: 832  Message: 841

Paul - I have not tried that, but I certainly will. I appreciate your thought on this.

Kevin

----- Original Message -----
From: Paul Manuel
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, February 15, 2003 19:44 PM
Subject: Re: [TS-850_450_690] Re: X59-1100-00 in TS-690???

--- "kevin_ka0i <kj558@...>" <kj558@...> wrote:
While speaking into the mic, one minute the voice peaks are driving the
ALC meter to 2/3 scale and the next minute there is
> no ALC deflection on voice peaks. When this occurs the output power
> is significantly reduced. I have used several different
> microphones. It is not a mic problem.

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up and down slightly?
73,
Paul K4PDM

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# 842. Re: [TS-850_450_690] Re: X59-1100-00 in TS-690???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-16 02:21:46 UTC
From: Kevin Hunter
Topic: 832  Message: 842

Do you happen to have info on which pot to turn to get the output back down to 100 watts on this?
----- Original Message -----
From: Paul Manuel
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, February 15, 2003 19:44 PM
Subject: Re: [TS-850_450_690] Re: X59-1100-00 in TS-690???

--- "kevin_ka0i <kj558@...>" <kj558@...> wrote:
While speaking into the mic, one minute the voice peaks are driving the
ALC meter to 2/3 scale and the next minute there is
> no ALC deflection on voice peaks. When this occurs the output power
> is significantly reduced. I have used several different
> microphones. It is not a mic problem.

I got in on this late, but have you made sure that all the interconnecting
cables between the boards are making good contact, perhaps by sliding them
up and down slightly?
73,
Paul K4PDM

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# 843. Re: [TS-850_450_690] Re: X59-1100-00 in TS-690???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-18 14:13:21 UTC
From: Bill
Topic: 832  Message: 843

Kevin, I am going to bet that there is something wrong in the power sense circuit, the one that feeds the PO meter and ALC circuits. Possibly a bad diode; these fail a lot due to static. I use the 1SS101 diodes from Yaesu in most cases like this.
Do you have a service manual for this rig?
bill
"kevin_ka0i <kj558@...>" <kj558@...> wrote:I didn't state that as clearly as I should have. When I say the
power and ALC fluctuate, I mean that they drop unexpectedly during
transmit. While speaking into the mic, one minute the voice peaks
are driving the ALC meter to 2/3 scale and the next minute there is
no ALC deflection on voice peaks. When this occurs, the output power
is significantly reduced. I have used several different
microphones. It is not a mic problem.

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> ALC and output power should fluctuate together, that's how they
operate.
>

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[Non-text portions of this message have been removed]

# 844. Re: [TS-850_450_690] Re: X59-1100-00 in TS-690???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-18 14:14:14 UTC
From: Bill
Topic: 832  Message: 844

There is also a possibility of RFI on SSB, fouling the ALC circuit.
Will get you your adjustment info when I get back to the shop tonight hopefully.
bill
"kevin_ka0i <kj558@...>" <kj558@...> wrote:The ALC does not fluctuate in CW or FSK mode.
Neither does the power
output. This seems to only occur during SSB operation.

Ok on how to set the low power lower. Which pot adjusts the top end
of the high power? I intend to restore that to 100 watt level. I
am not sure it has been intentionally increased. It may have been
increased intentionally, or it may have gone "wide open" as a result
of a failed component.

Adjust the Carrier until ALC is about midscale. Does it fluctuate
then?
> 200W is too high, would not set higher than 150 watts. PO max is an
internal adjustment.

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[Non-text portions of this message have been removed]

# 845. Re: [TS-850_450_690] Re: X59-1100-00 in TS-690???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-18 15:10:39 UTC
From: Kevin Hunter
Topic: 832  Message: 845

Bill & list - I have done some further testing that contradicts my earlier thoughts. I hooked my digital interface to the rig via the microphone jack. I used that to drive the rig with a steady tone from my psk31 software. The output was stable and so was the ALC reading. In earlier tests, I relied on voice peaks using the same syllable to try to duplicate the same level of input on the microphone. Unless you are aware of a flaw in my test setup using the steady tone generated by the software, I may have to admit that the problem was my imagination. Although, I must say that the ALC operation in the TS-690 does have some different characteristics from my TS-850S.

This output of the rig is too high. I have verified that using an external watt meter into a dummy load and an actual antenna. I don't have a service manual for it.

Thanks for your help and thoughts on this.

Kevin
----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 18, 2003 8:13 AM
Subject: Re: [TS-850_450_690] Re: X59-1100-00 in TS-690???

Kevin, I am going to bet that there is something wrong in the power sense circuit, the one that feeds the PO meter and ALC circuits. Possibly a bad diode; these fail a lot due to static. I use the 1SS101 diodes from Yaesu in most cases like this.
Do you have a service manual for this rig?
bill

[Non-text portions of this message have been removed]

# 846. Re: [TS-850_450_690] Re: X59-1100-00 in TS-690???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-18 16:29:00 UTC
From: Bill
Topic: 832  Message: 846

OK Kevin, I will get you the adjustment info. The pot will be under the cover on the bottom that is held in place with two screws. The pots are not labled except with "VR" numbers which I will look up for you. You will probably also want to adjust min power to 4.5 watts instead of the default 10.0, for QRP contests...
Will get back to you this evening sometime.
bill
Kevin Hunter <kj558@...> wrote:Bill & list - I have done some further testing that contradicts my earlier thoughts. I hooked my digital interface to the rig via the microphone jack. I used that to drive the rig with a steady tone from my psk31 software. The output was stable and so was the ALC reading. In earlier tests, I relied on voice peaks using the same syllable to try to duplicate the same level of input on the microphone. Unless you are aware of a flaw in my test setup using the steady tone generated by the software, I may have to admit that the problem was my imagination. Although, I must say that the ALC operation in the TS-690 does have some different characteristics from my TS-850S.

This output of the rig is too high. I have verified that using an external watt meter into a dummy load and an actual antenna. I don't have a service manual for it.

Thanks for your help and thoughts on this.

Kevin
----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 18, 2003 8:13 AM
Subject: Re: [TS-850_450_690] Re: X59-1100-00 in TS-690???

Kevin, I am going to bet that there is something wrong in the power sense circuit, the one that feeds the PO meter and ALC circuits. Possibly a bad diode; these fail a lot due to static. I use the 1SS101 diodes from Yaesu in most cases like this.
Do you have a service manual for this rig?
bill

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 847. Re: [TS-850_450_690] Re: X59-1100-00 in TS-690???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-23 14:10:50 UTC
From: Bill
Topic: 832  Message: 847

Kevin, please be patient! have had a horrible week. I will get you your PO adj. info on Monday. Sorry it has taken so long.
b
Kevin Hunter <kj558@...> wrote:Bill & list - I have done some further testing that contradicts my earlier thoughts. I hooked my digital interface to the rig via the microphone jack. I used that to drive the rig with a steady tone from my psk31 software. The output was stable and so was the ALC reading. In earlier tests, I relied on voice peaks using the same syllable to try to duplicate the same level of input on the microphone. Unless you are aware of a flaw in my test setup using the steady tone generated by the software, I may have to admit that the problem was my imagination. Although, I must say that the ALC operation in the TS-690 does have some different characteristics from my TS-850S.

This output of the rig is too high. I have verified that using an external watt meter into a dummy load and an actual antenna. I don't have a service manual for it.

Thanks for your help and thoughts on this.

Kevin
----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 18, 2003 8:13 AM
Subject: Re: [TS-850_450_690] Re: X59-1100-00 in TS-690???

Kevin, I am going to bet that there is something wrong in the power sense circuit, the one that feeds the PO meter and ALC circuits. Possibly a bad diode; these fail a lot due to static. I use the 1SS101 diodes from Yaesu in most cases like this.
Do you have a service manual for this rig?
bill

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[Non-text portions of this message have been removed]

# 848. Re: [TS-850_450_690]

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-23 17:47:46 UTC
From: Kevin Hunter
Topic: 848  Message: 848

Bill - No hurry. Thanks so much for your help. I have been busy myself.

Kevin

----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, February 23, 2003 8:10 AM
Subject: Re: [TS-850_450_690] Re: X59-1100-00 in TS-690???

Kevin, please be patient! have had a horrible week. I will get you your PO adj. info on Monday. Sorry it has taken so long.

[Non-text portions of this message have been removed]

# 849. Re: Help! TS-850 dead?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-25 00:31:41 UTC
From: seminolefan232000 <ne4xt23@qwickconnect.
Topic: 793  Message: 849

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> Only other fuse I know of is I THINK in the PA section.. should not affect all that other stuff. hmmm... thinking burned PC trace, this happens with external stuff sometimes shorting the 8v in the rig.
> b
> "seminolefan232000 <ne4xt23@q...>" <ne4xt23@q...> wrote:...
> > Thanks Bill,
> I finally got back to the TS-850, the connectors look fine and the
> voltage at the connectors look fine.
> Are there fuses INSIDE the TS-850? If so I haven't found any.
>
> Thanks again
>
> NE4XT
> Bill
>
>
> Thanks, Bill
Traces look ok, but where can I find a point to check the 8 volts? I read about 5vdc on the front panel connector.
Should that have been 8volts there?

Thanks
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>
>
>
> ---
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# 850. Re: Help! TS-850 dead?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-25 01:11:30 UTC
From: Clif <avvidclif@yahoo.com>
Topic: 793  Message: 850

Look on the RF unit abt halfway back on the right side. There are
three points 8A for the 8v supply, RXB for 8v in RX and TXB for 8v in
TX.

Clif
www.avvid.com

--- In TS-850_450_690@yahoogroups.com, "seminolefan232000
<ne4xt23@q...>" <ne4xt23@q...> wrote:
> --- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> >
> > Only other fuse I know of is I THINK in the PA section.. should
> not affect all that other stuff. hmmm... thinking burned PC trace,
> this happens with external stuff sometimes shorting the 8v in the
> rig.
> > b
> > "seminolefan232000 <ne4xt23@q...>" <ne4xt23@q...> wrote:...
> > > Thanks Bill,
> > I finally got back to the TS-850, the connectors look fine and
the
> > voltage at the connectors look fine.
> > Are there fuses INSIDE the TS-850? If so I haven't found any.
> >
> > Thanks again
> >
> > NE4XT
> > Bill
> >
> >
> > Thanks, Bill
> Traces look ok, but where can I find a point to check the 8 volts?
I
> read about 5vdc on the front panel connector.
> Should that have been 8volts there?
>
> Thanks
> > see our website www.amateur-repairs.com
> >
> >
> >
> > ---------------------------------
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> > [Non-text portions of this message have been removed]

# 851. Re: [TS-850_450_690] Re: Help! TS-850 dead?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-25 03:51:13 UTC
From: Bill
Topic: 793  Message: 851

Not sure where we are at here.
What are the original symptoms?
bill
"seminolefan232000 <ne4xt23@...>" <ne4xt23@...> wrote:--- In
TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> Only other fuse I know of is I THINK in the PA section.. should
not affect all that other stuff. hmmm... thinking burned PC trace,
this happens with external stuff sometimes shorting the 8v in the
rig.
> b
> "seminolefan232000 <ne4xt23@q...>" <ne4xt23@q...> wrote:...
> > Thanks Bill,
> I finally got back to the TS-850, the connectors look fine and the
> voltage at the connectors look fine.
> Are there fuses INSIDE the TS-850? If so I haven't found any.
>
> Thanks again
>
> NE4XT
> Bill
>
>
> Thanks, Bill
Traces look ok, but where can I find a point to check the 8 volts? I
read about 5vdc on the front panel connector.
Should that have been 8volts there?

Thanks
> see our website www.amateur-repairs.com
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# 852. Re: [TS-850_450_690] Re: Help! TS-850 dead?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-25 04:08:15 UTC
From: Bill
Topic: 793  Message: 852

I think these are also on the IF unit.
b
"Clif <avvidclif@...>" <avvidclif@...> wrote:Look on the RF unit abt halfway back on the
right side. There are
three points 8A for the 8v supply, RXB for 8v in RX and TXB for 8v in
TX.

Clif
www.avvid.com

--- In TS-850_450_690@yahoogroups.com, "seminolefan232000
<ne4xt23@q...>" <ne4xt23@q...> wrote:
> --- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> >
> > Only other fuse I know of is I THINK in the PA section.. should
> not affect all that other stuff. hmmm... thinking burned PC trace,
> this happens with external stuff sometimes shorting the 8v in the
> rig.
> > b
> > "seminolefan232000 <ne4xt23@q...>" <ne4xt23@q...> wrote:...
> > > Thanks Bill,
> > I finally got back to the TS-850, the connectors look fine and
the
> > voltage at the connectors look fine.
> > Are there fuses INSIDE the TS-850? If so I haven't found any.
> >
> > Thanks again
> >
> > NE4XT
> > Bill
> >
> >
> > Thanks, Bill
> Traces look ok, but where can I find a point to check the 8 volts?
I
> read about 5vdc on the front panel connector.
> Should that have been 8volts there?
>
> Thanks
> > see our website www.amateur-repairs.com
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[Non-text portions of this message have been removed]

# 853. Re: Memory battery, pcb damage

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-25 19:42:05 UTC
From: smatda <smatda@compunet.net>
Topic: 825  Message: 853

I wonder if this affects radios that have been off for long periods
more than it affects radios used often. If that's the case, might be
best to leave the radio on for a couple of hours each week if you
aren't using it just to keep the battery charged!!

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> thanks! Great ideas.
> "rsakabu <rsakabu@p...>" <rsakabu@p...> wrote:--- In
TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> >
> >
> > Well another 450 on the bench, bad memory battery, leaked or
spewed
> onto the control unit PC board and ate up the trace that supplies
12v
> to the tuner. Not sure what to do about that except schedule memory
> battery changes before they leak... how would one do that? Can't
> predict the failures I guess.
> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
>
> I thought I had seen that the 2430's came in a manganese dioxide (or
> carbon zinc) formualtion. Almost all are now Lithium batteries
which
> I believe are much less prone to leaking. In any case, here are
some
> suggestions:
>
> 1. Put a label on the back of the radio with the date of last
battery
> change and a warning to change the battery within 7 years or risk
> damage to the radio from a leaking battery (with specific details of
> what WILL be damaged rather than the typical CYA precautions).
>
> 2. Mount the battery in a remote location like the cavity next to
the
> ATU where it can't ruin the PC board and line it with mylar and
> something absorbant like Kimwipe material (something that won't
> deteriorate over time or spread lint around).
>
> 3. Use a coin cell battery holder. Unfortunately, all of the
holders
> I've seen have the "opening" at the bottom (relative to how it would
> be mounted on a TS-450) and a leaking battery will still leak right
> out of the battery holder. At least, this will make battery

changing
> much easier for a user and will require the PC board to be taken out
> only once.
>
> It would be a shame to see these nice radio's knocked out of
> circulation because of this problem and it looks like it will happen
> more and more frequenly now that the original batteries are starting
> to expire and leak.
>
>
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>
>
> ---
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>
> [Non-text portions of this message have been removed]

# 854. Re: [TS-850_450_690] Re: Memory battery, pcb damage

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-25 19:52:49 UTC
From: Jim ve3mij
Topic: 825  Message: 854

I don't know about that...

I bought my 850 when it had only been out for two months. It's still got the original battery, and I use it about once every six months over the last 6-7 years since my daugter was born. Everything's still fine. (He says with fingers crossed....) Love the rig, just don't have time these days! Well that and working in RF during the day, there isn't the same motivation to play, as there used to be...

Jim VE3MIJ

----- Original Message -----
From: <smatda@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, February 25, 2003 2:42 PM
Subject: [TS-850_450_690] Re: Memory battery, pcb damage

> I wonder if this affects radios that have been off for long periods
> more than it affects radios used often. If that's the case, might be
> best to leave the radio on for a couple of hours each week if you
> aren't using it just to keep the battery charged!!

# 855. backup battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-25 20:08:26 UTC
From: Larry Nixon <lfnca@yahoo.ca>
Topic: 855  Message: 855

I recently replaced the backup batteries in two 450's. One with no corrosion the other with some. Anyway, i have put up a webpage on the operation so if you would like to have a look and offer any questions, comments or rude remarks I'd appreciate it.

http://www.geocities.com/lfnca/450bat/450sat_battery.htm

Larry VE7LFN

# 856. TS-850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-25 19:24:13 UTC
From: merckxist <kj5gt@cybermesa.com>
Topic: 856  Message: 856

Hello,
I want to introduce myself.My name is Al, and I have owned a TS-850S since 1996.It was purchased new from AES as a bare bones model.It has been trouble free and I have done nothing to it except add 1.8 khz and
500 hz Kenwood filters.I do have a couple of questions though.
The first concerns the life of the internal battery.I think the manual
says 4-5 years, and this unit is over that.I did the internal battery inspection I found in the archives, and measured 3.3 volts with a DMM.Also no signs of leaking.Am I lucky or is this normal? Anybody know a realistic service life for the internal battery, or is every case different?
The second concern is the gas discharge protector tube.While I had the
covers off, I looked at it.It had a thin gray/white line around the center of it.According to one of the postings in the archives, this means it has been damaged.Am I correct?I've tried contacting Pacific Coast Parts by email, for price and availiability, but have had no response from them so far.If Ineed to replace it, is there another source?
Well, thats all I have for now, I would appreciate any information any
one has on these questions.I havn't owned that many ham rigs, but the 850 is the best I've had.
Thanks,
Al, KJ5GT

# 857. backup battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-25 20:13:03 UTC
From: Larry Nixon <lfnca@yahoo.ca>
Topic: 855  Message: 857

I recently replaced the backup batteries in two 450's. One with no corrosion the other with some. Anyway, i have put up a webpage on the operation so if you would like to have a look and offer any questions, comments or rude remarks I'd appreciate it.

http://www.geocities.com/lfnca/450bat/450sat_battery.htm

Larry VE7LFN

# 858. RX audio quality

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-25 20:47:47 UTC
From: sp8fwb <no9e@arrl.net>
Topic: 858  Message: 858

I own one of the first TS-850. It works fine and I am happy with it. Especially, TX audio with speech processing and high boost is powerful.

The radio has a a ceramic filter replaced by YG-455S (2.4 KHz). Also, 2nd IF has a 2.1 KHz INRAD filter. On CW, there are 2 x 500 Hz filters. The rig does well in SSB and CW contests. I consider the selection of filters useful as any filter can be switched off for wider bandwidth. However, I find 2 problems on SSB in receive.

It is hard to adjust the carrier so that the signal sounds right with the 2.1 filter. When this filter is set right in SSB, it cuts too high in LSB, and low slope is out of range. Is it possible to adjust the range of slope tuning? I tried the pot on the right side of the top front board, but it is out of range.

The second problem is less than comfortable audio quality in SSB receive even with 6 KHz filters. I find that tuning is very critical for good legibility, and sometimes even adjustment by +- 20 Hz makes a large difference. Not so on FT-100 or K2, where the sound on receive is much easier to copy and tuning seems less critical. RX tone doesn't change much. Is it possible that the AF chain in TS-850 distorts?

73,
no9e@...

# 859. Re: Memory battery, pcb damage

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-25 21:33:51 UTC
From: Clif <avvidclif@yahoo.com>
Topic: 825  Message: 859

The battery in the 850 is a lithium battery and is not rechargeable. I don't think using it or not makes any difference.It is isolated from the radio by a diode. It seems the first few runs had battery problems, after that no problems.

To check the battery for leakage tilt it away from the board as far as possible and use a tiny mirror to look at the back. Leakage will be a white file around the crimped edges. If you can't see the back unsolder the top leg and look. It is that important. There are several vias under the battery and some are data bus lines, just a little corrosion goes a LONG way.

This note about leaking batteries also applies to the TM-742.

Clif @ AVVid.com

--- In TS-850_450_690@yahoogroups.com, "smatda <smatda@c...>" <smatda@c...> wrote:
> I wonder if this affects radios that have been off for long periods
> more than it affects radios used often. If that's the case, might be
> best to leave the radio on for a couple of hours each week if you
> aren't using it just to keep the battery charged!!
>
> --- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> >
> > thanks! Great ideas.
> > "rsakabu <rsakabu@p...>" <rsakabu@p...> wrote:--- In
> TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> > >
> > >
> > > Well another 450 on the bench, bad memory battery, leaked or
> spewed
> > > onto the control unit PC board and ate up the trace that supplies
> 12v
> > > to the tuner. Not sure what to do about that except schedule
memory
> > > battery changes before they leak... how would one do that? Can't
> > > predict the failures I guess.
> > > ------------------------------------------------
> > >
> > > I thought I had seen that the 2430's came in a manganese dioxide
(or
> > > carbon zinc) formualtion. Almost all are now Lithium batteries
> which
> > > I believe are much less prone to leaking. In any case, here are

> some
> > suggestions:
> >
> > 1. Put a label on the back of the radio with the date of last
> battery
> > change and a warning to change the battery within 7 years or risk
> > damage to the radio from a leaking battery (with specific details
of
> > what WILL be damaged rather than the typical CYA precautions).
> >
> > 2. Mount the battery in a remote location like the cavity next
to
> the
> > ATU where it can't ruin the PC board and line it with mylar and
> > something absorbant like Kimwipe material (something that won't
> > deteriorate over time or spread lint around).
> >
> > 3. Use a coin cell battery holder. Unfortunately, all of the
> holders
> > I've seen have the "opening" at the bottom (relative to how it
would
> > be mounted on a TS-450) and a leaking battery will still leak
right
> > out of the battery holder. At least, this will make battery
> changing
> > much easier for a user and will require the PC board to be taken
out
> > only once.
> >
> > It would be a shame to see these nice radio's knocked out of
> > circulation because of this problem and it looks like it will
happen
> > more and more frequenly now that the original batteries are
starting
> > to expire and leak.
> >
> >
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> > [Non-text portions of this message have been removed]

# 860. Re: [TS-850_450_690] TS-850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-25 23:02:56 UTC
From: Bill
Topic: 856  Message: 860

DSA301LAFILTER B/3D161ABSORBER, SURGE
this is the surge absorber tube that you are talking about.
I have them here if you are interested.
Contact us direct for more information at bbtech1@...
thanks
bill K0ZL
"merckxist <kj5gt@...>" <kj5gt@...> wrote:Hello,
I want to introduce myself.My name is Al, and I have owned a TS-850S
since 1996.It was purchased new from AES as a bare bones model.It has
been trouble free and I have done nothing to it except add 1.8 khz
and
500 hz Kenwood filters.I do have a couple of questions though.
The first concerns the life of the internal battery.I think the
manual
says 4-5 years, and this unit is over that.I did the internal battery
inspection I found in the archives, and measured 3.3 volts with
a DMM.Also no signs of leaking.Am I lucky or is this normal? Anybody
know a realistic service life for the internal battery, or is every
case different?
The second concern is the gas discharge protector tube.While I had
the
covers off, I looked at it.It had a thin gray/white line around the
center of it.According to one of the postings in the archives, this
means it has been damaged.Am I correct?I've tried contacting Pacific
Coast Parts by email, for price and availiability, but have had no
response from them so far.If Ineed to replace it, is there another
source?
Well, thats all I have for now, I would appreciate any information
any
one has on these questions.I havn't owned that many ham rigs, but the
850 is the best I've had.
Thanks,
Al, KJ5GT

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[Non-text portions of this message have been removed]

# 861. Re: [TS-850_450_690] Re: Memory battery, pcb damage

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-25 23:06:34 UTC
From: Bill
Topic: 825  Message: 861

The chemical leakage is a chemical reaction, most likely not affected by radio usage.
bill
"smatda <smatda@...>" <smatda@...> wrote:I wonder if this affects radios that have been off for long periods
more than it affects radios used often. If that's the case, might be
best to leave the radio on for a couple of hours each week if you
aren't using it just to keep the battery charged!!

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> thanks! Great ideas.
> "rsakabu <rsakabu@p...>" <rsakabu@p...> wrote:--- In
TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> >
> >
> > Well another 450 on the bench, bad memory battery, leaked or
spewed
> onto the control unit PC board and ate up the trace that supplies
12v
> to the tuner. Not sure what to do about that except schedule memory
> battery changes before they leak... how would one do that? Can't
> predict the failures I guess.
> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
>
> I thought I had seen that the 2430's came in a manganese dioxide (or
> carbon zinc) formualtion. Almost all are now Lithium batteries
which
> I believe are much less prone to leaking. In any case, here are
some
> suggestions:
>
> 1. Put a label on the back of the radio with the date of last
battery
> change and a warning to change the battery within 7 years or risk
> damage to the radio from a leaking battery (with specific details of
> what WILL be damaged rather than the typical CYA precautions).
>
> 2. Mount the battery in a remote location like the cavity next to
the
> ATU where it can't ruin the PC board and line it with mylar and
> something absorbant like Kimwipe material (something that won't
> deteriorate over time or spread lint around).
>
> 3. Use a coin cell battery holder. Unfortunately, all of the
holders

> I've seen have the "opening" at the bottom (relative to how it would
> be mounted on a TS-450) and a leaking battery will still leak right
> out of the battery holder. At least, this will make battery
changing
> much easier for a user and will require the PC board to be taken out
> only once.
>
> It would be a shame to see these nice radio's knocked out of
> circulation because of this problem and it looks like it will happen
> more and more frequenly now that the original batteries are starting
> to expire and leak.
>
>
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>
> see our website www.amateur-repairs.com
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# 862. Re: [TS-850_450_690] backup battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-25 23:07:50 UTC
From: Bill
Topic: 855  Message: 862

Larry, that's a great effort, thanks!
bill
"Larry Nixon <lfnca@...>" <lfnca@...> wrote:
I recently replaced the backup batteries in two 450's. One with no
corrosion the other with some. Anyway, i have put up a webpage on the
operation so if you would like to have a look and offer any
questions, comments or rude remarks I'd appreciate it.

http://www.geocities.com/lfnca/450bat/450sat_battery.htm

Larry VE7LFN

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# 863. Re: [TS-850_450_690] RX audio quality

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-26 01:15:55 UTC
From: Bill
Topic: 858  Message: 863

I think the slope controls were optimized for Kenwoods rather broad 2.7Khz filters, which I am using with very satisfactory results. I am afraid that you are trying to use contest filters for higher-fidelity receive; perhaps, never the two shall meet!
The 6kHz filters let through ALL of the other guys' transmit passband and yes, you have to be RIGHT ON or it just won't sound right. I practiced on music SW or AM BC stations until I got it right. Try using a full range speaker on the rig, that will help.
I use a Drake MS-4 with a 2-way 4x7 coaxial speaker with spectacular results, also the Kenwood SP-180 is a reasonable alternative to the higher-priced Kenwood speakers, and is a close match cosmetically to the 850.
bill
"sp8fwb <no9e@...>" <no9e@...> wrote:I own one of the first TS-850. It works fine and I am happy with it.
Especially, TX audio with speech processing and high boost is
powerful.

The radio has a a ceramic filter replaced by YG-455S (2.4 KHz).
Also, 2nd IF has a 2.1 KHz INRAD filter. On CW, there are 2 x 500 Hz filters. The rig does well in SSB and CW contests. I consider the selection of filters useful as any filter can be switched off for wider bandwidth. However, I find 2 problems on SSB in receive.

It is hard to adjust the carrier so that the signal sounds right with the 2.1 filter. When this filter is set right in SSB, it cuts too high in LSB, and low slope is out of range. Is it possible to adjust the range of slope tuning? I tried the pot on the right side of the top front board, but it is out of range.

The second problem is less than comfortable audio quality in SSB receive even with 6 KHz filters. I find that tuning is very critical for good legibility, and sometimes even adjustment by +- 20 Hz makes a large difference. Not so on FT-100 or K2, where the sound on receive is much easier to copy and tuning seems less critical. RX tone doesn't change much. Is it possible that the AF chain in TS-850 distorts?

73,
no9e@...

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# 864. Re: Help! TS-850 dead?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-26 01:29:53 UTC
From: seminolefan232000 <ne4xt23@qwickconnect.
Topic: 793  Message: 864

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> Well still at the same point Bill, there is no audio at all,
display is dim, on led lit is the Mhz none of the functions work
except I believe the notch. It will not go into transmit. Can not
change frequencies. Input voltage appears ok. Today checked power on
the digital board and I have 8 and 5 volts as well as 14. There was
never any evidence of burning, nor do I smell or see any on second
and third inspection.

Today I offered another ham the TS-850 as is for a what appears to
be TS-830s Gold label in perfect working order. I think I am going
to take him up on it. He may have more time to deal with the TS-850.
It is a nice radio but as a casual user I really don't need all the
contesting capabilities and other bells and whistles of the TS-850.
I probably will miss the Antenna Tuner the most though.

Thanks, everyone for your help.

Bill NE4XT

> Not sure where we are at here.
> What are the original symptoms?
> bill
> "seminolefan232000 <ne4xt23@q...>" <ne4xt23@q...> wrote:--- In TS-
850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> >
> > Only other fuse I know of is I THINK in the PA section.. should
> not affect all that other stuff. hmmm... thinking burned PC trace,
> this happens with external stuff sometimes shorting the 8v in the
> rig.
> > b
> > "seminolefan232000 <ne4xt23@q...>" <ne4xt23@q...> wrote:...
> > > Thanks Bill,
> > I finally got back to the TS-850, the connectors look fine and
the
> > voltage at the connectors look fine.
> > Are there fuses INSIDE the TS-850? If so I haven't found any.
> >
> > Thanks again
> >
> > NE4XT
> > Bill
> >
> >
> > Thanks, Bill
> Traces look ok, but where can I find a point to check the 8 volts?

I
> read about 5vdc on the front panel connector.
> Should that have been 8volts there?
>
> Thanks
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# 865. Welcome new member lostyank

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-26 02:41:27 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 865  Message: 865

Welcome to the group, please introduce yourself to the rest of the members.

# 866. Re: backup battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-26 04:45:00 UTC
From: smatda <smatda@compunet.net>
Topic: 855  Message: 866

That's a really great page, Larry. Only thing I would suggest would be that you let people know those pics are actually thumbnails. I didn't realize I could click on them until after I got through with the project!

I used your site to check my battery (for the first time) this evening. Unfortunately, I have lost about 3/4 of one trace on the PCB, but nothing that isn't fixable.

I'm thinking about using stick on velcro to secure the holder in the radio to keep it from accidentally rattling around if I take the radio portable. (I wonder if you could velcro the holder to the PCB board??). Anyway, real good page Larry!

Thanks!
Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "Larry Nixon <lfnca@y...>" <lfnca@y...> wrote:
>
> I recently replaced the backup batteries in two 450's. One with no
> corrosion the other with some. Anyway, i have put up a webpage on the
> operation so if you would like to have a look and offer any
> questions, comments or rude remarks I'd appreciate it.
>
> http://www.geocities.com/lfnca/450bat/450sat_battery.htm
>
> Larry VE7LFN

# 868. Re: [TS-850_450_690] Re: Help! TS-850 dead?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-26 16:45:10 UTC
From: Bill
Topic: 793  Message: 868

Well Bill I am sorry that we were unable to walk you through this one. Sounds like a bad processor or I/O expander chip to me.
Hey we have a TS-830 group too! hi hi
bill
"seminolefan232000 <ne4xt23@...>" <ne4xt23@...> wrote:--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> Well still at the same point Bill, there is no audio at all, display is dim, on led lit is the Mhz none of the functions work except I believe the notch. It will not go into transmit. Can not change frequencies. Input voltage appears ok. Today checked power on the digital board and I have 8 and 5 volts as well as 14. There was never any evidence of burning, nor do I smell or see any on second and third inspection.

Today I offered another ham the TS-850 as is for a what appears to be TS-830s Gold label in perfect working order. I think I am going to take him up on it. He may have more time to deal with the TS-850. It is a nice radio but as a casual user I really don't need all the contesting capabilities and other bells and whistles of the TS-850. I probably will miss the Antenna Tuner the most though.

Thanks, everyone for your help.

Bill NE4XT

> Not sure where we are at here.
> What are the original symptoms?
> bill
> "seminolefan232000 <ne4xt23@q...>" <ne4xt23@q...> wrote:--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> >
> > Only other fuse I know of is I THINK in the PA section.. should
> not affect all that other stuff. hmmm... thinking burned PC trace,
> this happens with external stuff sometimes shorting the 8v in the
> rig.
> > b
> > "seminolefan232000 <ne4xt23@q...>" <ne4xt23@q...> wrote:...
> > > Thanks Bill,
> > I finally got back to the TS-850, the connectors look fine and the
> > voltage at the connectors look fine.
> > Are there fuses INSIDE the TS-850? If so I haven't found any.
> >
> > Thanks again
> >
> > NE4XT

> > Bill
> >
> >
> > Thanks, Bill
> Traces look ok, but where can I find a point to check the 8 volts?
I
> read about 5vdc on the front panel connector.
> Should that have been 8volts there?
>
> Thanks
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# 869. Re: [TS-850_450_690] Re: patching pc boards

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-26 16:49:52 UTC
From: Bill
Topic: 855  Message: 869

Everyone needs to stock some #30 Kynar wire-wrap wire for patching PC boards.. this stuff works great for that. It's a little brittle but it's just the right size to lay along even small traces, and then you can secure the insulated part to the board with a small droplet of epoxy or silicone sealant.
bill
"smatda <smatda@...>" <smatda@...> wrote:That's a really great page, Larry. Only thing I would suggest would
be that you let people know those pics are actually thumbnails. I
didn't realize I could click on them until after I got through with
the project!

I used your site to check my battery (for the first time) this
evening. Unfortunately, I have lost about 3/4 of one trace on the
PCB, but nothing that isn't fixable.

I'm thinking about using stick on velcro to secure the holder in the
radio to keep it from accidentally rattling around if I take the
radio portable. (I wonder if you could velcro the holder to the PCB
board??). Anyway, real good page Larry!

Thanks!
Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "Larry Nixon <lfnca@y...>"
<lfnca@y...> wrote:
>
> I recently replaced the backup batteries in two 450's. One with no
> corrosion the other with some. Anyway, i have put up a webpage on
the
> operation so if you would like to have a look and offer any
> questions, comments or rude remarks I'd appreciate it.
>
> http://www.geocities.com/lfnca/450bat/450sat_battery.htm
>
> Larry VE7LFN

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# 870. Re: backup battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-26 18:44:22 UTC
From: Larry Nixon <lfnca@yahoo.ca>
Topic: 855  Message: 870

--- In TS-850_450_690@yahoogroups.com, "smatda <smatda@c...>"
<smatda@c...> wrote:
> That's a really great page, Larry. Only thing I would suggest
would be that you let people know those pics are actually
thumbnails.

Its there at the start of the steps, but I will make it stand out more

>
> I'm thinking about using stick on velcro to secure the holder in
the
> radio to keep it from accidentally rattling around if I take the
> radio portable.

Thats a good idea!

>Anyway, real good page Larry!

Thanks!

Larry VE7LFN

# 871. Re: Help! TS-850 dead?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-26 21:05:46 UTC
From: seminolefan232000 <ne4xt23@qwickconnect.
Topic: 793  Message: 871

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
Thanks anyway guys. I used to spend lots of time trouble shooting equipment however it has been awhile and right now I am working full time and going to school nights, so my time is limited. For that reason and the need for a simpler rig, I think the TS-830 Swap is a very good option for me.

Thanks again, and I did apply to join the TS-830 group.

Bill
NE4XT

> Well Bill I am sorry that we were unable to walk you through this one. Sounds like a bad processor or I/O expander chip to me.
> Hey we have a TS-830 group too! hi hi
> bill
> "seminolefan232000 <ne4xt23@q...>" <ne4xt23@q...> wrote:--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> > Well still at the same point Bill, there is no audio at all,
> display is dim, on led lit is the Mhz none of the functions work
> except I believe the notch. It will not go into transmit. Can not
> change frequencies. Input voltage appears ok. Today checked power on
> the digital board and I have 8 and 5 volts as well as 14. There was
> never any evidence of burning, nor do I smell or see any on second
> and third inspection.
>
> Today I offered another ham the TS-850 as is for a what appears to
> be TS-830s Gold label in perfect working order. I think I am going
> to take him up on it. He may have more time to deal with the TS-850.
> It is a nice radio but as a casual user I really don't need all the
> contesting capabilities and other bells and whistles of the TS-850.
> I probably will miss the Antenna Tuner the most though.
>
> Thanks, everyone for your help.
>
> Bill NE4XT
>
>
> > Not sure where we are at here.
> > What are the original symptoms?

> > bill
> > "seminolefan232000 <ne4xt23@q...>" <ne4xt23@q...> wrote:--- In
TS-
> 850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> > >
> > > Only other fuse I know of is I THINK in the PA section..
should
> > not affect all that other stuff. hmmm... thinking burned PC
trace,
> > this happens with external stuff sometimes shorting the 8v in
the
> > rig.
> > > b
> > > "seminolefan232000 <ne4xt23@q...>" <ne4xt23@q...> wrote:...
> > > > Thanks Bill,
> > > I finally got back to the TS-850, the connectors look fine and
> the
> > > voltage at the connectors look fine.
> > > Are there fuses INSIDE the TS-850? If so I haven't found any.
> > >
> > > Thanks again
> > >
> > > NE4XT
> > > Bill
> > >
> > >
> > > Thanks, Bill
> > Traces look ok, but where can I find a point to check the 8
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> I
> > read about 5vdc on the front panel connector.
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> >
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# 872. Re: Help! TS-850 dead?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-26 21:12:41 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 793  Message: 872

> Thanks anyway guys. I used to spend lots of time trouble shooting
> equipment however it has been awhile and right now I am working
full
> time and going to school nights, so my time is limited. For that
> reason and the need for a simpler rig, I think the TS-830 Swap is a
> very good option for me.
>
> Thanks again, and I did apply to join the TS-830 group.
>
> Bill
> NE4XT

Sorry to hear about your 850 Bill. As a past owner f the 830 I can tell you that you won't be disappointed. They have one of the best receivers on the market, and the transmit audio quality of them is fantastic. You can drive them hard all day and they won't blink.

Max

# 873. TS-850 programming query

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-28 06:16:18 UTC
From: w8nflists <w8nflists@yahoo.com>
Topic: 873  Message: 873

I've been asked to troubleshoot a remote control issue - the
software involved properly controls an Elecraft K2, but fails on a
TS-850S. The K2 ostensibly uses Kenwood-like commands.

I have the K2 command set. Does someone have the TS-850S
command set handy? I am in possession of neither radio,
personally and am troubleshooting via email (never fun).

Thanks!!!

73,

Dave W8NF

# 874. Re: [TS-850_450_690] TS-850 programming query

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-28 14:29:13 UTC
From: Bill
Topic: 873  Message: 874

Dave, send me your snail mail and be patient... it's about ten pages A4 size so I have to photocopy it at MBE for ya. Should have time this weekend. Anyone else need a copy? reply ASAP off list!!!
bill
"w8nflists <w8nflists@...>" <w8nflists@...> wrote:I've been asked to troubleshoot a remote control issue - the
software involved properly controls an Elecraft K2, but fails on a
TS-850S. The K2 ostensibly uses Kenwood-like commands.

I have the K2 command set. Does someone have the TS-850S
command set handy? I am in possession of neither radio,
personally and am troubleshooting via email (never fun).

Thanks!!!

73,

Dave W8NF

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[Non-text portions of this message have been removed]

# 875. Wecome new member K8ZG

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-28 17:22:26 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 875  Message: 875

Welcome to our group, please introduce yourself to the other members.

# 876. Welcome new member KD6IJU

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-28 21:56:49 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 876  Message: 876

Welcome to the group, please introduce yourself.

# 877. intro

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-02-28 22:21:55 UTC
From: KD6IJU
Topic: 877  Message: 877

Greetings to the group,
will be getting my first TS450SAT next week,
so I am sure that this group will be of great help.
I am a general class operator living in SE Alabama.
I look forward to posting.

73 Billy kd6iju

http://www.qsl.net/kd6iju

[Non-text portions of this message have been removed]

# 878. Re: [TS-850_450_690] intro

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-01 04:53:55 UTC
From: Bill
Topic: 877  Message: 878

Welcome aboard, and congratulations! You will love it.
bill
KD6IJU <kd6iju@...> wrote:Greetings to the group,
will be getting my first TS450SAT next week,
so I am sure that this group will be of great help.
I am a general class operator living in SE Alabama.
I look forward to posting.

73 Billy kd6iju

http://www.qsl.net/kd6iju

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 879. Re: [TS-850_450_690] Re: X59-1100-00 in TS-690???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-01 22:54:19 UTC
From: Bill
Topic: 832  Message: 879

Hi Kevin, sorry I let your query slip through the cracks here...
VR15 on the IF unit adjusts max power out on the '690 on HF.
Also VR18 sets your minimum power. Factory setting is 10 watts, but I always drop it to 4.5 watts to make the rig "legal" for QRP contests.
73!
Bill
Kevin Hunter <kj558@...> wrote:Do you happen to have info on which pot to turn to get the output back down to 100 watts on this?
----- Original Message -----
From: Paul Manuel
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, February 15, 2003 19:44 PM
Subject: Re: [TS-850_450_690] Re: X59-1100-00 in TS-690???

--- "kevin_ka0i <kj558@...>" <kj558@...> wrote:
While speaking into the mic, one minute the voice peaks are driving the
ALC meter to 2/3 scale and the next minute there is
> no ALC deflection on voice peaks. When this occurs the output power
> is significantly reduced. I have used several different
> microphones. It is not a mic problem.

I got in on this late, but have you made sure that all the interconnecting
cables between the boards are making good contact, perhaps by sliding them
up and down slightly?
73,
Paul K4PDM

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[Non-text portions of this message have been removed]

# 880. TS 450 SAT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-02 00:43:36 UTC
From: Sarge
Topic: 880  Message: 880

Is there a way to turn up the max output?

Thanks,
Sarge

[Non-text portions of this message have been removed]

# 881. Welcome new member N5JIM

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-02 00:50:23 UTC
From: Max <ve3tmt@yahoo.ca>
Topic: 881  Message: 881

Welcome to the group Jim. Please take a minute and introduce yourself to the group.

# 882. Re: [TS-850_450_690] Re: X59-1100-00 in TS-690???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-02 01:22:08 UTC
From: Kevin Hunter
Topic: 832  Message: 882

Bill - I got both of those adjusted. Thanks so much for your help.

Kevin - KAØI
----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 01, 2003 16:54 PM
Subject: Re: [TS-850_450_690] Re: X59-1100-00 in TS-690???

Hi Kevin, sorry I let your query slip through the cracks here...
VR15 on the IF unit adjusts max power out on the '690 on HF.
Also VR18 sets your minimum power. Factory setting is 10 watts, but I always drop it to 4.5 watts to make the rig "legal" for QRP contests.
73!
Bill

[Non-text portions of this message have been removed]

# 883. Re: Programming query

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-02 21:46:50 UTC
From: Dennis <stclaire@netzero.net>
Topic: 883  Message: 883

March 03, 2003

Hello Bill and everyone!

Bill, if you have the time, why not scan those photo copy pages, zip them and post them on the files section for everyones future reference, unless of course it might bring/cause you copyright issues/problems.

I am about to update the 850notes.doc file with the latest compilation which includes whatever transpired from the date I posted it up to the latest significant post.

Thanks and enjoy your radio.

Dennis of the Philippines
also a member of the TS-440 EGroups

P.S.

I am still dreaming to get a TS-850. It is just simply so difficult to even listen to users/HAM operators who have them here in the Philippines. I only know of 2 HAM's who have them - all puchased outside the country. It does sounds exceptional amongst the Kenwood TRx I've listened to.

---

as posted :
Subject: Re: TS-850 programming query

Dave, send me your snail mail and be patient... it's about ten pages A4 size so I have to photocopy it at MBE for ya. Should have time this weekend. Anyone else need a copy? reply ASAP off list!!!
bill
"w8nflists <w8nflists@... <mailto:w8nflists@...>>"
<w8nflists@... <mailto:w8nflists@...>> wrote:I've been asked to troubleshoot a remote control issue - the software involved properly controls an Elecraft K2, but fails on a TS-850S. The K2 ostensibly uses Kenwood-like commands.

I have the K2 command set. Does someone have the TS-850S command set handy? I am in possession of neither radio, personally and am troubleshooting via email (never fun).

Thanks!!!

73,

Dave W8NF

# 884. Re: [TS-850_450_690] TS 450 SAT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-03 13:33:05 UTC
From: Bill
Topic: 880  Message: 884

I think it is VR-18, check my posts in the archive. If that doesn't do it, send me a note and I will look it up from the shop.
Don't exceed 150w on ssb, 40w on am and 100w all other modes.
b
Sarge <sarge43@...> wrote:Is there a way to turn up the max output?

Thanks,
Sarge

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 885. Re: [TS-850_450_690] TS 450 SAT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-03 13:49:06 UTC
From: Sarge
Topic: 880  Message: 885

OK, thanks a bunch.

I think it is VR-18, check my posts in the archive. If that doesn't do it, send me a note and I will look it up from the shop.
Don't exceed 150w on ssb, 40w on am and 100w all other modes.
b
Sarge <sarge43@...> wrote:Is there a way to turn up the max output?

[Non-text portions of this message have been removed]

# 886. TS-450 keypad "off"

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-04 18:38:15 UTC
From: Makis <sv1bsx@hotmail.com>
Topic: 886  Message: 886

Hi to all,

the TS-450 of a frienf of mine has the follow problem:

it can be transmit and receive normally, change frequancy
from Main-Knob without problem.

But all buttons in the front panel are "deads", they not responds
and the YELLOW-Led of Antenna Tuner always "lights".

I've removed the antenna Tuner Unit, nothing changed.

I've replaced the CXD1095Q (IC), also nothing changed. The cable
of "keypad" connecting the "front-buttons" with this IC, which
it's a large square IC. (probably including A/D conv.)
I've no the ServiceManual of Rig, just the circuit diagram.

I've changed the battery with a new, nothing. The old was in good
condition, anyway. No problems on PCB surface below battery.

The "reset" also seems to not changing anything at all.

Any suggestion is welcome.

73 de Mak SV1BSX

# 887. Re: TS-450 keypad "off"

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-04 23:40:27 UTC
From: Larry Nixon
Topic: 886  Message: 887

<sv1bsx@h...> wrote:
> the TS-450 of a frienf of mine has the follow problem:
>
> it can be transmit and receive normally, change frequancy
> from Main-Knob without problem.
>
> But all buttons in the front panel are "deads",they not responds

I'm speaking from memory as i don't have my manual handy but check it for a section on "mobile operation". There is a way to set the 450 so that only a few buttons are operational to simplify things when mobile. May be that someone has done this.

> and the YELLOW-Led of Antenna Tuner always "lights".
>
Hmm, not sure about this. But once I track my manual down I'll have a look.

let me know if this helps at all...
Larry VE7LFN

# 888. Welcome new member DL5XL

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-05 14:24:45 UTC
From: Max
Topic: 888  Message: 888

Welcome to the group Felix, please introduce yourself.

# 889. Re: TS-450 keypad "off"

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-05 19:02:51 UTC
From: rsakabu
Topic: 886  Message: 889

--- In TS-850_450_690@yahoogroups.com, "Makis <sv1bsx@h...>"
<sv1bsx@h...> wrote:
> Hi to all,
>
> the TS-450 of a frienf of mine has the follow problem:
>
> it can be transmit and receive normally, change frequancy
> from Main-Knob without problem.
>
> But all buttons in the front panel are "deads", they not responds
> and the YELLOW-Led of Antenna Tuner always "lights".
>
> I've removed the antenna Tuner Unit, nothing changed.
>
> I've replaced the CXD1095Q (IC), also nothing changed. The cable
> of "keypad" connecting the "front-buttons" with this IC, which
> it's a large square IC. (probably including A/D conv.)
> I've no the ServiceManual of Rig, just the circuit diagram.
>
> I've changed the battery with a new, nothing. The old was in good
> condition, anyway. No problems on PCB surface below battery.
>
> The "reset" also seems to not changing anything at all.
>
> Any suggestion is welcome.
>
> 73 de Mak SV1BSX

A wild guess, but do you think that maybe the "AT Tune" button is
stuck in the depressed position? You could check by looking for the
"AT tune" signal on one of the controller chips (I don't have the
service manual in front of me to see which pin that is, maybe you do).

# 890. Re: TS-450 keypad "off"

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-05 22:34:53 UTC
From: Makis
Topic: 886  Message: 890

I've checked all that, AT button is depressed.
The problem still exist but anyway, thanks for
all replies.

73, Mak SV1BSX
>
> A wild guess, but do you think that maybe the "AT Tune" button is
> stuck in the depressed position? You could check by looking for the
> "AT tune" signal on one of the controller chips (I don't have the
> service manual in front of me to see which pin that is, maybe you
do).

# 891. 2 TS850s hooked together???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-06 19:18:49 UTC
From: wo7gi
Topic: 891  Message: 891

Howdy,

Has anyone connected two TS850s together as stated in the operators manual? There is very little info pertaining to this capability and wonder if anyone has attempted to use a pair of them in this configuration. I enjoy the 850 and wonder if having two would be a better option than say like a 950 with a dual(watch/recieve) capability.

Thank you for your time and response.
Mike
WO7GI

# 892. TS-690 battery change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-12 23:13:17 UTC
From: ksm91011
Topic: 892  Message: 892

Hello,

Just a note to the group, I have owned my 690 since it was
new in the early 1990s and got to thinking that perhaps the
memory battery should be changed out sooner rather than later.
This was partialy due to the disscussion of repairs discussed
on this group.

I emailed Bill K0ZL at B&B Technical Services. He had some
in stock and gave me a very resonable price that included
shipping. I sent him a check and recived the battery in about
3 days. The next weekend I up-ended the old 690 and proceded to
remove a handfull of screws. I had never hinged the front panel
forward before, so this was interesting. The ribbon connectors
looked a little fragile so I was careful to be gentle and not to
touch the contacts with my grubby fingers. Removing the old battery
was required a little rocking as one terminal has two contacts and I
only have one soldering iron. The other contact came out easily.
After a quick cleanup with solder braid and poking a solid wire
through the holes I easily soldered the new battery in place. I was
back up and on the air in about 1.5 hours with breaks. I did not
even lose my channel memory!

I will now ignore any posting about battery problems for the next
12 years!

Ken

(No relation to B&B, only a happy customer)

# 893. Re: TS-690 battery change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-13 00:01:44 UTC
From: rsakabu
Topic: 892  Message: 893

--- In TS-850_450_690@yahoogroups.com, "ksm91011" <ksm@j...> wrote:

> I will now ignore any posting about battery problems for the next
> 12 years!
> Ken
> (No relation to B&B, only a happy customer)

Except that it would be a good idea to write the date that the battery
was changed somewhere on the rig!

73
Roy

# 894. Re: TS-690 battery change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-13 00:05:08 UTC
From: Clif
Topic: 892  Message: 894

--- In TS-850_450_690@yahoogroups.com, "rsakabu" <rsakabu@p...>
wrote:
> --- In TS-850_450_690@yahoogroups.com, "ksm91011" <ksm@j...> wrote:
>
> > I will now ignore any posting about battery problems for the
next
> > 12 years!
> > Ken
> > (No relation to B&B, only a happy customer)
>
> Except that it would be a good idea to write the date that the
battery
> was changed somewhere on the rig!
>
> 73
> Roy

Why??? When it dies you loose your memories, that's when most people change them. No reason to do otherwise.

Clif @ AVVid . com

# 895. Re: [TS-850_450_690] TS-690 battery change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-13 01:24:36 UTC
From: Bill
Topic: 892  Message: 895

Gee Ken, thanks! <blush>...
I would make it 5 years with these batterys... You might go back in there and slide a piece of electrical tape under the batt, center it so that the tape catches any leakage... sorry I didn't mention that to you earlier.
Good idea for the rest of the group.
Hey congrats on doing your own thing there, saved you enough to take your YL out to a real nice dinner! hi hi
b
ksm91011 <ksm@...> wrote:Hello,

Just a note to the group, I have owned my 690 since it was
new in the early 1990s and got to thinking that perhaps the
memory battery should be changed out sooner rather than later.
This was partialy due to the disscussion of repairs discussed
on this group.

I emailed Bill K0ZL at B&B Technical Services. He had some
in stock and gave me a very resonable price that included
shipping. I sent him a check and recived the battery in about
3 days. The next weekend I up-ended the old 690 and proceded to
remove a handfull of screws. I had never hinged the front panel
forward before, so this was interesting. The ribbon connectors
looked a little fragile so I was careful to be gentle and not to
touch the contacts with my grubby fingers. Removing the old battery
was required a little rocking as one terminal has two contacts and I
only have one soldering iron. The other contact came out easily.
After a quick cleanup with solder braid and poking a solid wire
through the holes I easily soldered the new battery in place. I was
back up and on the air in about 1.5 hours with breaks. I did not
even lose my channel memory!

I will now ignore any posting about battery problems for the next
12 years!

Ken

(No relation to B&B, only a happy customer)

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[Non-text portions of this message have been removed]

# 896. Re: [TS-850_450_690] Re: TS-690 battery change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-13 01:26:53 UTC
From: Bill
Topic: 892  Message: 896

Good idea Roy!
b
rsakabu <rsakabu@...> wrote:--- In TS-850_450_690@yahoogroups.com, "ksm91011" <ksm@j...>
wrote:

> I will now ignore any posting about battery problems for the next
> 12 years!
> Ken
> (No relation to B&B, only a happy customer)

Except that it would be a good idea to write the date that the battery
was changed somewhere on the rig!

73
Roy

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[Non-text portions of this message have been removed]

# 897. Re: TS-690 battery change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-13 15:24:57 UTC
From: rsakabu
Topic: 892  Message: 897

--- In TS-850_450_690@yahoogroups.com, "Clif" <avvidclif@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "rsakabu" <rsakabu@p...>
> wrote:
> > --- In TS-850_450_690@yahoogroups.com, "ksm91011" <ksm@j...> wrote:
> >
> > > I will now ignore any posting about battery problems for the
> next
> > > 12 years!
> > > Ken
> > > (No relation to B&B, only a happy customer)
> >
> > Except that it would be a good idea to write the date that the
> battery
> > was changed somewhere on the rig!
> >
> > 73
> > Roy
>
> Why??? When it dies you loose your memories, that's when most people
> change them. No reason to do otherwise.
>
> Clif @ AVVid . com

Because there are reports by some folks that their batteries have been leaking even though they still have not lost thier memories.

# 898. Question on the SO-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-14 00:12:59 UTC
From: lostyank
Topic: 898  Message: 898

Just a question. Has anybody actually installed one of these? I understand the frequency stability/aging aspects, but is this worth the cost? Is this just an option for people who are going to be using their rig in "demanding" situations? I checked out the PLL oscillator today and it was running well within tolerance @ 20Mhz. Has anybody found it useful? I have looked at a few TCXO's at various sites with the same/similar specs that would probably suffice as a replacement for the SO-2. Just wondering!

Thanks in advance.

Scott
KB3JEZ

# 899. Re: TS-690 battery change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-14 01:10:40 UTC
From: Clif
Topic: 892  Message: 899

--- In TS-850_450_690@yahoogroups.com, "rsakabu" <rsakabu@p...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "Clif" <avvidclif@y...>
wrote:
> > --- In TS-850_450_690@yahoogroups.com, "rsakabu" <rsakabu@p...>
> > wrote:
> > > --- In TS-850_450_690@yahoogroups.com, "ksm91011" <ksm@j...>
wrote:
> > >
> > > > I will now ignore any posting about battery problems for the
> > next
> > > > 12 years!
> > > > Ken
> > > > (No relation to B&B, only a happy customer)
> > >
> > > Except that it would be a good idea to write the date that the
> > battery
> > > was changed somewhere on the rig!
> > >
> > > 73
> > > Roy
> >
> > Why??? When it dies you loose your memories, that's when most
people
> > change them. No reason to do otherwise.
> >
> > Clif @ AVVid . com
>
> Because there are reports by some folks that their batteries have
been
> leaking even though they still have not lost thier memories.

The battery leaking is with the original batteries and only within a limited run. Replacement with a newer battery should alleviate that problem as long as you don't damage the battery by soldering to it.

FWIW, the battery leakage that causes damage is primarily limited to the TM742 and the TS850. The TS440 batteries leak but I have never seen one cause damage due to the different construction.

Clif @ AVVid . com

# 900. Re: [TS-850_450_690] TS-690 battery change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-14 01:57:43 UTC
From: Jim ve3mij
Topic: 892  Message: 900

Does the battery have a date of manufacture on it? [ Just in case it's been sitting on the shelf for a year or two, you might need to not worry for 10 years. ;-) ]

----- Original Message -----
From: "ksm91011" <ksm@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, March 12, 2003 6:13 PM
Subject: [TS-850_450_690] TS-690 battery change

> Hello,
>
> Just a note to the group, I have owned my 690 since it was
> new in the early 1990s and got to thinking that perhaps the
> memory battery should be changed out sooner rather than later.
> This was partialy due to the disscussion of repairs discussed
> on this group.
>
> I emailed Bill K0ZL at B&B Technical Services. He had some
> in stock and gave me a very resonable price that included
> shipping. I sent him a check and recived the battery in about
> 3 days. The next weekend I up-ended the old 690 and proceded to
> remove a handfull of screws. I had never hinged the front panel
> forward before, so this was interesting. The ribbon connectors
> looked a little fragile so I was careful to be gentle and not to
> touch the contacts with my grubby fingers. Removing the old battery
> was required a little rocking as one terminal has two contacts and I
> only have one soldering iron. The other contact came out easily.
> After a quick cleanup with solder braid and poking a solid wire
> through the holes I easily soldered the new battery in place. I was
> back up and on the air in about 1.5 hours with breaks. I did not
> even lose my channel memory!
>
> I will now ignore any posting about battery problems for the next
> 12 years!
>
> Ken
>
>
>
> (No relation to B&B, only a happy customer)
>
>
> THANKS FOR USING TS-850_450_690@...
>

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>
>

# 901. Re: [TS-850_450_690] Question on the SO-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-14 03:46:41 UTC
From: Bill
Topic: 898  Message: 901

Good question.
My '850 "drifts" from 20hz low to less than 1 hz off, after about 40 minutes. None of the applications I have run ever required anything better than that, including phone nets, RTTY, and Pactor operation.
I installed an so-2 for a guy, and checked it from cool start (room temp about 55 deg) up to room at 72 (wood fire warmed up the shop) and rig covered with dishtowel on receive for 8 hrs. His "drifted" only about 2 hz. Mine seems as stable as his during the normal operating cycle (rx, tx, rest, etc).
I would spend my money on something else, like a good external speaker or something. But that's just me.
73!
Bill
lostyank <lostyank@...> wrote:Just a question. Has anybody actually installed one of these? I
understand the frequency stability/aging aspects, but is this worth
the cost? Is this just an option for people who are going to be using
their rig in "demanding" situations? I checked out the PLL oscillator
today and it was running well within tolerance @ 20Mhz. Has anybody
found it useful? I have looked at a few TCXO's at various sites with
the same/similar specs that would probably suffice as a replacement
for the SO-2. Just wondering!

Thanks in advance.

Scott
KB3JEZ

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# 902. Re: TS-690 battery change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-14 16:31:38 UTC
From: Larry Nixon
Topic: 892  Message: 902

I show the start of corrosion on a 450 at my page:
http://www.geocities.com/lfnca/450bat/450sat_battery.htm
and have heard of 450 battery leaks causing the board to be replaced.
I am sure the lithium cells were not designed to last forever. I
would be interested to see what the manufacturer specs are. maybe
I'll go surfing tonight :)
Larry VE7LFN

>
> FWIW, the battery leakage that causes damage is primarily limited
to the TM742 and the TS850. The TS440 batteries leak but I have
never seen one cause damage due to the different construction.
>
> Clif @ AVVid . com

# 903. Re: TS-690 battery change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-14 19:32:52 UTC
From: rsakabu
Topic: 892  Message: 903

--- In TS-850_450_690@yahoogroups.com, "Larry Nixon" <lfnca@y...> wrote:
> I show the start of corrosion on a 450 at my page:
> http://www.geocities.com/lfnca/450bat/450sat_battery.htm
> and have heard of 450 battery leaks causing the board to be replaced.
> I am sure the lithium cells were not designed to last forever. I
> would be interested to see what the manufacturer specs are. maybe
> I'll go surfing tonight :)
> Larry VE7LFN
>

Good pictures Larry.

The diode you show with corrosion on it was the diode I found to be "leaky" when I ran into the excessive battery drain problem I had several months ago. It caused a current drain of 2mA when the rig was off. That drained the first replacement battery in less than a week, then a pair of AA cells in a battery pack in a couple of months.

After finding the culprit and replacing it, I ran it for a few more months and found that the AA batteries still measured with full voltage (no measureable drain). I replaced the AA pack with a coin cell holder which cost $2 from DigiKey and the pin spacing is just right for the TS-450 PCB. Now I won't have to remove the PC board to unsolder the battery, just swing out the front panel and slip a new one in about 5 years from now whether it needs to or not.

73
Roy

# 904. Re: Question on the SO-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-15 00:03:32 UTC
From: lostyank
Topic: 898  Message: 904

Bill,

Thanks for the advice. After your soak-testing of the unit with the
SO-2 installation, I think I'll save my money!

73
Scott
KB3JEZ

# 905. Re: [TS-850_450_690] Re: TS-690 battery change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-15 03:11:09 UTC
From: Bill
Topic: 892  Message: 905

Larry,
That was an AWESOME job on the 450 documentation!
I can't believe, I brought up Geocities site without saturating my browser with popups!
Thanks again.
b
rsakabu <rsakabu@...> wrote:--- In TS-850_450_690@yahoogroups.com, "Larry Nixon" <lfnca@y...> wrote:
> I show the start of corrosion on a 450 at my page:
> http://www.geocities.com/lfnca/450bat/450sat_battery.htm
> and have heard of 450 battery leaks causing the board to be replaced.
> I am sure the lithium cells were not designed to last forever. I
> would be interested to see what the manufacturer specs are. maybe
> I'll go surfing tonight :)
> Larry VE7LFN
>

Good pictures Larry.

The diode you show with corrosion on it was the diode I found to be "leaky" when I ran into the excessive battery drain problem I had several months ago. It caused a current drain of 2mA when the rig was off. That drained the first replacement battery in less than a week, then a pair of AA cells in a battery pack in a couple of months.

After finding the culprit and replacing it, I ran it for a few more months and found that the AA batteries still measured with full voltage (no measureable drain). I replaced the AA pack with a coin cell holder which cost $2 from DigiKey and the pin spacing is just right for the TS-450 PCB. Now I won't have to remove the PC board to unsolder the battery, just swing out the front panel and slip a new one in about 5 years from now whether it needs to or not.

73
Roy

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[Non-text portions of this message have been removed]

# 906. Re: [TS-850_450_690] Re: Question on the SO-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-15 03:20:00 UTC
From: Bill
Topic: 898  Message: 906

Well that's just my opinion. Some guys like to be able to split hairs. Heck I can remember when just being in the band was the main concern! hi...
b
lostyank <lostyank@...> wrote:Bill,

Thanks for the advice. After your soak-testing of the unit with the
SO-2 installation, I think I'll save my money!

73
Scott
KB3JEZ

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# 907. PS52 Supply hum

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-18 04:28:25 UTC
From: Max
Topic: 907  Message: 907

Lately my PS52 power supply has developed a rather annoying hum. Upon investigation it sounds like it is coming from the transformer itself. Any tricks to repairing or somewhat reducing the noise??

Max

# 908. Re: [TS-850_450_690] PS52 Supply hum

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-18 05:50:07 UTC
From: Bill
Topic: 907  Message: 908

You probably have a busted lamination. Replace the transformer is about all I can think of, unless you want to try dismantling it your self and giving it a varnish soak.
b
Max <ve3tmt@...> wrote:Lately my PS52 power supply has developed a rather annoying hum. Upon
investigation it sounds like it is coming from the transformer
itself. Any tricks to repairing or somewhat reducing the noise??

Max

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[Non-text portions of this message have been removed]

# 909. Re: PS52 Supply hum

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-18 10:54:04 UTC
From: Max
Topic: 907  Message: 909

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> You probably have a busted lamination. Replace the transformer is about all I can think of, unless you want to try dismantling it your self and giving it a varnish soak.

I have my backup in line now Bill, so I have all kinds of time to fix it. Exactly what do you mean by a "varnish soak"? I would like to fix it because it looks much better than the homebrew backup supply.

Max

# 910. Re: [TS-850_450_690] Re: PS52 Supply hum

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-18 14:25:01 UTC
From: Bill
Topic: 907  Message: 910

Might be easier to just replace the transformer, or find PS52 on ebay.
I have not tried taking apart the JA style transformers, not sure it can even be done.
Check for loose hardware inside, maybe just torquing down the transformer mounting nuts will do the trick.
bill
Max <ve3tmt@...> wrote:--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> You probably have a busted lamination. Replace the transformer is
about all I can think of, unless you want to try dismantling it your
self and giving it a varnish soak.

I have my backup in line now Bill, so I have all kinds of time to fix
it. Exactly what do you mean by a "varnish soak"? I would like to
fix it because it looks much better than the homebrew backup supply.

Max

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[Non-text portions of this message have been removed]

# 911. MC-60 microphone

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-19 02:08:42 UTC
From: tubularone
Topic: 911  Message: 911

I'm using one of these mikes on another Kenwood rig and have noticed that the impedance switch seems to have intermittent contact.After looking it over,I can't quite seem to figure out how to open this up to get inside.Anyone have a clue about this? Thanks in advance.

# 912. Problem TX with TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-19 08:04:52 UTC
From: Carlos
Topic: 912  Message: 912

Carlos escribió:

>
>
> Hello friends and members of the group !!!!
>
> My call sign is EA1EYG and I have my TS-450S/AT since I
> bought it in October 1992 in AES Orlando, Fl.
> Always working fine, but in the last week, while I was
> working in 18 MHz, the equipment stopped the transmition
> suddenly and few minutes later beguined to work, but failed
> again laiter.
> I made QSY to 14 MHz. and in this band I hadn't any problem.
> After some test I realized the equipment failed only in
> transmition TX in the frequencyes 14,500 MHz to 21,500 Mhz.
> The Reception RX was perfect in all bands, the problem was
> only in TX in 18 and 21 MHz, but however the radio doesn't
> transmit, with the PTT on and while the power supply works
> normally with 20 A out put. The swr in my antennas is 1:1.
> I have looked the electric schematic and I think the problem
> is in the Filter Unit (X51-3110-XX), in the relay surge
> absorption K6 or/and K13 ( 14,5 to 21,5 MHz LPF relay).
> I'm not sure but I think that the refernce Kenwood for this
> relay is S-51-1420-05, but I don't have the service manual
> for the TS-450. Someone can assure it to me ??
> Could this be my problem ??
> If someone could help me, i will be very gratefull. I would
> like to repair it by my self because in my town, there is
> not any guaranted technical service for ham-radio equipment.
>
> Many thanks friends !!!
> 73 with my best wishes from NW of Spain
> Carlos / EA1EYG
>

[Non-text portions of this message have been removed]

# 913. Decisions!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-19 17:17:14 UTC
From: ronnielee2u
Topic: 913  Message: 913

Getting back to my hobby and wondering....440s/at or 450s/at? Any thoughts
or suggestions would help. I'd appreciate it.
73,RonnieLee,N6OAN

# 914. Re: Decisions!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-19 17:46:43 UTC
From: Max
Topic: 913  Message: 914

--- In TS-850_450_690@yahoogroups.com, "ronnielee2u"
<ronnielee2u@y...> wrote:
> Getting back to my hobby and wondering....440s/at or 450s/at? Any
thoughts
> or suggestions would help. I'd appreciate it.
> 73,RonnieLee,N6OAN

Having been the proud owner of both of these great rigs, I would still vote for the 450S. Although the 440 is a great radio, they are prone to VCO problems (the dreaded all dots on the display!). The 450's are completely different inside.

If you can save up a bit more, go for the 850S. Enough can't be said about these radios. Probably the best one Kenwood ever put out, and they are going for only a few hundred more than the 450's. I don't think you will make a bad decision with any of them.

Max

# 915. Re: [TS-850_450_690] Decisions!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-19 22:25:35 UTC
From: Bill
Topic: 913  Message: 915

440 is more likely to have problems (all dots on the display etc), but the 450 has had it's share with DDS and memory battery leakage. Buy either with care.
Go on looks and features and filters.
b
ronnielee2u <ronnielee2u@...> wrote:Getting back to my hobby and wondering....440s/at or 450s/at? Any thoughts
or suggestions would help. I'd appreciate it.
73,RonnieLee,N6OAN

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[Non-text portions of this message have been removed]

# 916. Re: PS52 Supply hum

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-20 00:35:18 UTC
From: lostyank
Topic: 907  Message: 916

Hello,

If it is a loose/cracked lamination you can try a couple of big lock-
washers under the transformer mounting tabs after removing the unit.
As Bill said, re-torque the transformer and I've sometimes found that
this will displace the lamination just enough to shut it up. If that
doesn't work (or it's a loose winding), better off replacing it. All
the usual PSU safety precautions should be followed of course.

73
Scott

# 917. Re: [TS-850_450_690] Digest Number 244

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-20 21:48:14 UTC
From: D.Cy Gacuzana
Topic: 917  Message: 917

Hello all, I purchased my 850S/AT last year in the Fall I think it was, I know it was much too early for Christmas. But it scared me so i left it in the box when I got it home. Besides, I was happy with my simple Corsair. No way to mess that up, like hitting Xit instead of Rit, and for CW "tune up" there is no CARrier adjustment. There's one knob for power, called DRIVE.
I couldn't believe Ten Tec QSK could be matched anywhere by anyone, except I heard rumors that the Elcrafts and the 850 and even the 570 are "...real close."
The Corsair sang it's last song last Saturday. Died in mid QSO just turned herself off. Funny the last word it did send was the word OFF, while I was describing my dipole as being "...fed OFF..." and then she just turned off. Didn't get the whole phrase of FED OFF CENTER even, only FED OFF, and like magic, she gave up the ghost, after 2 trips to Tennessee for repair in under 1.5 years.
Being forced to use the 850 I tentatively took her out of the box... fetched the Astron RM 35 I got for her purpose, plugged it all in, turned her on, and was bedazzled by sound and such.
Boy, is that some Class Act or what? The VFO is smooth beyond description, and that is a REAL KNOB. No rubberization/plasticity to that work of art alone.
Honestly, I wasn't sure if I was putting a signal on the air, the QSK is THAT QUIET.
ALL I CAN SAY IS WOW.
I'm sure some minor issues will develope, and when they do, I'll ask here.
So for those considering an 850, I must say, compare the QST measured specs to ANYTHING IN THE UNDER 1000 OR 900 DOLLAR CLASS. Awe heck, compare it to anything in any class regardless of price, how about that.
I'm so very impressed, tho I miss the simple what you see is exactly what you get, that the Corsair provided. But, now I can work split!
Really like the general coverage receive too. Nice to hear all the various Spins and Viewpoints being placed on current events.
I think one could easily, easily spend much more for a radio, but the extra money won't result in better performance, either on receive, or CW transmit. [haven't hooked the mic up yet but I think it's around]. One could spend over 3 grand, and except for dual receive functions, perhaps some minor DSP comfort [the Notch/Slope Tuning seems adequate for digging out anything possible on the 850], the 850 still is up there at least even with the most expensive Amateur rigs EVER made, in the past and or compared to anything current. I think it may outperform anything current, too!
I'm stoked.
Thanks guys. I'll be in touch!

THANKS FOR USING TS-850_450_690@...
---

There are 5 messages in this issue.

Topics in this digest:

1. Problem TX with TS-450
From: Carlos

2. Decisions!!
From: "ronnielee2u"
3. Re: Decisions!!
From: "Max"
4. Re: Decisions!!
From: Bill
5. Re: PS52 Supply hum
From: "lostyank"

---
---

Message: 1
Date: Wed, 19 Mar 2003 09:04:52 +0100
From: Carlos
Subject: Problem TX with TS-450

Carlos escribi?:

>
>
> Hello friends and members of the group !!!!
>
> My call sign is EA1EYG and I have my TS-450S/AT since I
> bought it in October 1992 in AES Orlando, Fl.
> Always working fine, but in the last week, while I was
> working in 18 MHz, the equipment stopped the transmition
> suddenly and few minutes later beguined to work, but failed
> again laiter.
> I made QSY to 14 MHz. and in this band I hadn't any problem.
> After some test I realized the equipment failed only in
> transmition TX in the frequencyes 14,500 MHz to 21,500 Mhz.
> The Reception RX was perfect in all bands, the problem was
> only in TX in 18 and 21 MHz, but however the radio doesn't
> transmit, with the PTT on and while the power supply works
> normally with 20 A out put. The swr in my antennas is 1:1.
> I have looked the electric schematic and I think the problem
> is in the Filter Unit (X51-3110-XX), in the relay surge
> absorption K6 or/and K13 ( 14,5 to 21,5 MHz LPF relay).
> I'm not sure but I think that the refernce Kenwood for this
> relay is S-51-1420-05, but I don't have the service manual
> for the TS-450. Someone can assure it to me ??
> Could this be my problem ??
> If someone could help me, i will be very gratefull. I would
> like to repair it by my self because in my town, there is
> not any guaranted technical service for ham-radio equipment.
>
> Many thanks friends !!!
> 73 with my best wishes from NW of Spain
> Carlos / EA1EYG
>

[Non-text portions of this message have been removed]

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Message: 2
Date: Wed, 19 Mar 2003 17:17:14 -0000
From: "ronnielee2u"
Subject: Decisions!!

Getting back to my hobby and wondering....440s/at or 450s/at? Any thoughts
or suggestions would help. I'd appreciate it.
73,RonnieLee,N6OAN

---
---

Message: 3
Date: Wed, 19 Mar 2003 17:46:43 -0000
From: "Max"
Subject: Re: Decisions!!

--- In TS-850_450_690@yahoogroups.com, "ronnielee2u"
wrote:
> Getting back to my hobby and wondering....440s/at or 450s/at? Any
thoughts
> or suggestions would help. I'd appreciate it.
> 73,RonnieLee,N6OAN

Having been the proud owner of both of these great rigs, I would
still vote for the 450S. Although the 440 is a great radio, they are
prone to VCO problems (the dreaded all dots on the display!). The
450's are completely different inside.

If you can save up a bit more, go for the 850S. Enough can't be said
about these radios. Probably the best one Kenwood ever put out, and
they are going for only a few hundred more than the 450's. I don't
think you will make a bad decision with any of them.

Max

---
---

Message: 4
Date: Wed, 19 Mar 2003 14:25:35 -0800 (PST)
From: Bill
Subject: Re: Decisions!!

440 is more likely to have problems (all dots on the display etc), but the 450 has had it's
share with DDS and memory battery leakage. Buy either with care.
Go on looks and features and filters.
b
ronnielee2u wrote:Getting back to my hobby and wondering....440s/at or 450s/at? Any

thoughts
or suggestions would help. I'd appreciate it.
73,RonnieLee,N6OAN

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[Non-text portions of this message have been removed]

---
---

Message: 5
Date: Thu, 20 Mar 2003 00:35:18 -0000
From: "lostyank"
Subject: Re: PS52 Supply hum

Hello,

If it is a loose/cracked lamination you can try a couple of big lock-
washers under the transformer mounting tabs after removing the unit.
As Bill said, re-torque the transformer and I've sometimes found that
this will displace the lamination just enough to shut it up. If that
doesn't work (or it's a loose winding), better off replacing it. All
the usual PSU safety precautions should be followed of course.

73
Scott

---
---

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# 918. Re: [TS-850_450_690] Digest Number 244

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-20 22:47:12 UTC
From: Zack Widup
Topic: 917  Message: 918

On Thu, 20 Mar 2003, D.Cy Gacuzana wrote:

>
> The Corsair sang it's last song last Saturday. Died in mid QSO just turned herself off. Funny the last word it did send was the word OFF, while I was describing my dipole as being "...fed OFF..." and then she just turned off. Didn't get the whole phrase of FED OFF CENTER even, only FED OFF, and like magic, she gave up the ghost, after 2 trips to Tennessee for repair in under 1.5 years.
> Being forced to use the 850 I tentatively took her out of the box... fetched the Astron RM 35 I got for her purpose, plugged it all in, turned her on, and was bedazzled by sound and such.
> Boy, is that some Class Act or what? The VFO is smooth beyond description, and that is a REAL KNOB. No rubberization/plasticity to that work of art alone.
> Honestly, I wasn't sure if I was putting a signal on the air, the QSK is THAT QUIET.
> ALL I CAN SAY IS WOW.

I have to agree with everything you said. It's definitely the best radio in the under $1000 category.

I've used quite a few different rigs at other peoples' QTH's. I've used the TS-940, IC-751, FT-1000MP and a few others. The TS-850 is one of my favorites and definitely worth at least what I paid for mine!

73, Zack W9SZ

# 919. Re: [TS-850_450_690]850 QSK

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-20 23:55:19 UTC
From: Bill
Topic: 917  Message: 919

If you do the mod to move the CW Sidetone level to the front panel MON control, it will make it even better for full-break-in. That way you can balance your sidetone with the band noise and really make it transparent.
bill K0ZL
Zack Widup <w9sz@...> wrote:On Thu, 20 Mar 2003, D.Cy Gacuzana wrote:

>
> The Corsair sang it's last song last Saturday. Died in mid QSO just turned herself off. Funny the last word it did send was the word OFF, while I was describing my dipole as being "...fed OFF..." and then she just turned off. Didn't get the whole phrase of FED OFF CENTER even, only FED OFF, and like magic, she gave up the ghost, after 2 trips to Tennessee for repair in under 1.5 years.
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> Boy, is that some Class Act or what? The VFO is smooth beyond description, and that is a REAL KNOB. No rubberization/plasticity to that work of art alone.
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> ALL I CAN SAY IS WOW.

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I've used quite a few different rigs at other peoples' QTH's. I've used
the TS-940, IC-751, FT-1000MP and a few others. The TS-850 is one of my
favorites and definitely worth at least what I paid for mine!

73, Zack W9SZ

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# 920. Test

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-27 13:21:55 UTC
From: w8krr
Topic: 438  Message: 920

This thing is so dead, I am trying it!

# 921. Re: [TS-850_450_690] Test

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-27 14:04:09 UTC
From: Jim ve3mij
Topic: 438  Message: 921

It goes in spurts!

I suspect one of the reasons it's quiet a lot, is there isn't much to complain about, or improve!!!

----- Original Message -----
From: "w8krr" <w8krr@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, March 27, 2003 8:21 AM
Subject: [TS-850_450_690] Test

> This thing is so dead, I am trying it!
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
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>
>

# 922. Re: [TS-850_450_690] Test

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-27 14:43:39 UTC
From: Bill
Topic: 438  Message: 922

s'working...
How you feeling?
bill
w8krr <w8krr@...> wrote:This thing is so dead, I am trying it!

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var lrec_target="_top";var lrec_URL = new Array();lrec_URL[1] = "http://rd.yahoo.com/M=246920.2960106.4328965.2848452/D=egroupweb/S=1705063108:HM/A=1508991/R=0/id=flashurl/*http://www.gotomypc.com/u/tr/yh/cpm/grp/300_06F/g22lp?Target=mm/g22lp.tmpl";var link="javascript:LRECopenWindow(1)";var lrec_flashfile = 'http://us.a1.yimg.com/us.yimg.com/a/1-/flash/expert_city/093002_weather300x250_06f.swf?clickTAG='+link+'';var lrec_altURL = "http://rd.yahoo.com/M=246920.2960106.4328965.2848452/D=egroupweb/S=1705063108:HM/A=1508991/R=1/id=altimgurl/*http://www.gotomypc.com/u/tr/yh/cpm/grp/300_06F/g22lp?Target=mm/g22lp.tmpl";var lrec_altimg = "http://us.yimg.com/a/ex/expert_city/300x250_yh1.gif";var lrec_width = 300;var lrec_height = 250;
THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

# 924. yv5mbx - Help Needed ASAP!!!!!!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-28 01:08:15 UTC
From: yv5mbx
Topic: 924  Message: 924

Hi,

I have been having problems with my TS-450 and the Elmer just told me
that the Carrier Unit Module (X50-3160-00) is damaged, so I need to
buy anothr one.

Could anybody in this list let me know were may I buy one.

The answers could be addressed directly to my email address at
pomega@...

73's
Javier
yv5mbx
Caracas - Venezuela

# 925. Big thanks to all

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-28 13:34:38 UTC
From: Stu
Topic: 925  Message: 925

Hi folks

just a note to say thanks to Bill cliff and others for the help they give on here.

The knowledge from these guys is top notch if it wasn't for them my ts850s would still be sitting dead.

I know have my ts850 working thanks to Bill for supplying me with countless help and ordering the parts for me Kenwood uk do not do parts.

I also have help a few local Hams in Scotland that had similar problems weird smell and was the surface mount cap on the car board
ALL INFO CAME FROM HERE

So Keep the good work up guys

Stu MM0BSM

# 926. Re: [TS-850_450_690] Digest Number 246

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-28 16:27:47 UTC
From: D.Cy Gacuzana
Topic: 926  Message: 926

Here's something: My 850 sends a pronounced whistling, whenever the RF Gain is turned down, past 10:30 [am or pm? hi]. However, I do not know, whether or not it's normal to have no gain at that point anyway- in other words, at 10:30, a bit before then, the receiver receives nothing anyway, except quietness, some weak hiss if the AF is turned up. So I'm thinking, well, it doesn't matter anyway. Because I never put the RF gain down there. Wondering if it's normal for no receive when the RF gain is below 11:00/10:30?

THANKS FOR USING TS-850_450_690@...
---

There are 5 messages in this issue.

Topics in this digest:

1. Test
From: "w8krr"
2. Re: Test
From: "Jim ve3mij"
3. Re: Test
From: Bill
4. unsubscribe
From: "MAB"
5. yv5mbx - Help Needed ASAP!!!!!!!
From: "yv5mbx"

---
---

Message: 1
Date: Thu, 27 Mar 2003 13:21:55 -0000
From: "w8krr"
Subject: Test

This thing is so dead, I am trying it!

---
---

Message: 2
Date: Thu, 27 Mar 2003 09:04:09 -0500
From: "Jim ve3mij"
Subject: Re: Test

It goes in spurts!

I suspect one of the reasons it's quiet a lot, is there isn't much to complain about, or improve!!!

----- Original Message -----
From: "w8krr"
To:
Sent: Thursday, March 27, 2003 8:21 AM
Subject: [TS-850_450_690] Test

> This thing is so dead, I am trying it!
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

---
---

Message: 3
Date: Thu, 27 Mar 2003 06:43:39 -0800 (PST)
From: Bill
Subject: Re: Test

s'working...
How you feeling?
bill
w8krr wrote:This thing is so dead, I am trying it!

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var lrec_target="_top";var lrec_URL = new Array();lrec_URL[1] = "http://rd.yahoo.com/M=246920.2960106.4328965.2848452/D=egroupweb/S=1705063108:HM/A=1508991/R=0/id=flashurl/*http://www.gotomypc.com/u/tr/yh/cpm/grp/300_06F/g22lp?Target=mm/g22lp.tmpl";var link="javascript:LRECopenWindow(1)";var lrec_flashfile = 'http://us.a1.yimg.com/us.yimg.com/a/1-/flash/expert_city/093002_weather300x250_06f.swf?clickTAG='+link+'';var lrec_altURL = "http://rd.yahoo.com/M=246920.2960106.4328965.2848452/D=egroupweb/S=1705063108:HM/A=1508991/R=1/id=altimgurl/*http://www.gotomypc.com/u/tr/yh/cpm/grp/300_06F/g22lp?Target=mm/g22lp.tmpl";var lrec_altimg = "http://us.yimg.com/a/ex/expert_city/300x250_yh1.gif";var lrec_width = 300;var lrec_height = 250;
THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

---
---

Message: 4
Date: Thu, 27 Mar 2003 11:59:08 -0500
From: "MAB"
Subject: unsubscribe

unsubscribe

[Non-text portions of this message have been removed]

---
---

Message: 5
Date: Fri, 28 Mar 2003 01:08:15 -0000
From: "yv5mbx"

Subject: yv5mbx - Help Needed ASAP!!!!!!!

Hi,

I have been having problems with my TS-450 and the Elmer just told me
that the Carrier Unit Module (X50-3160-00) is damaged, so I need to
buy anothr one.

Could anybody in this list let me know were may I buy one.

The answers could be addressed directly to my email address at
pomega@...

73's
Javier
yv5mbx
Caracas - Venezuela

---
---

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---
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[Non-text portions of this message have been removed]

# 927. Re: [TS-850_450_690] Digest Number 246

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-28 19:59:19 UTC
From: Bill
Topic: 926  Message: 927

now THAT'S wierd!
I think you have found a new failure mode!
bill
"D.Cy Gacuzana" <gacuzana@...> wrote:
Here's something: My 850 sends a pronounced whistling, whenever the RF Gain is turned down, past 10:30 [am or pm? hi]. However, I do not know, whether or not it's normal to have no gain at that point anyway- in other words, at 10:30, a bit before then, the receiver receives nothing anyway, except quietness, some weak hiss if the AF is turned up. So I'm thinking, well, it doesn't matter anyway. Because I never put the RF gain down there. Wondering if it's normal for no receive when the RF gain is below 11:00/10:30?

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[Non-text portions of this message have been removed]

# 928. Rig oscillating on TX in 40m band

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-31 03:57:43 UTC
From: Max
Topic: 928  Message: 928

I'm having a strange problem lately on 40m when transmitting. On all modes when transmitting, the radio goes into a severe case of feedbacking, causing the power to drop and the RF actually sounds like it is oscillating. All modes the same. Only does it on 40m, soes I thought it might be the antenna. Hooked up the dummy load and no change. This has really got me baffled. All cables are connected securely.

Any ideas what to look for?

# 929. ...Oscillating update

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-31 13:51:53 UTC
From: Max
Topic: 929  Message: 929

After retuning the ALC, I've got the oscillations to stop. With a tone (1 KHz) fed into the mic input the radio will do a little over 100 watts out, however average SSB talk power is only around 50-60 watts. Carrier power on FM is just over 100 watts on all bands with no oscillations. I am using a D104 mic, so I figure the average SSB should be higher. The only pots adjusted were VR14 (ALC voltage) and VR7 ALC (power output). The output is the same on all bands. What causes the oscillations when the ALC is turn up too high? Am I missing something in the tuning?

Help!!

# 930. Re: [TS-850_450_690] Rig oscillating on TX in 40m band

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-31 14:18:33 UTC
From: Bill
Topic: 928  Message: 930

Does problem go away at lower power settings?
bill
Max <ve3tmt@...> wrote:I'm having a strange problem lately on 40m when transmitting. On all modes when transmitting, the radio goes into a severe case of
feedbacking, causing the power to drop and the RF actually sounds
like it is oscillating. All modes the same. Only does it on 40m,
soes I thought it might be the antenna. Hooked up the dummy load and
no change. This has really got me baffled. All cables are connected
securely.

Any ideas what to look for?

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[Non-text portions of this message have been removed]

# 931. Re: [TS-850_450_690] ...Oscillating update

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-31 14:33:16 UTC
From: Bill
Topic: 929  Message: 931

Max, with no ALC you are running the rig wide open. It might oscillate under those circumstances.
Your average "talk power" should only be 20-30 watts with processor off. Average talk power is not reliable means of measuring due to individual voices, mic characteristics and meter response time constants. Only a true peak reading meter (or the "peak hold" function of the TS-850 internal meter), or a scope can be trusted when checking SSB output power. That, and other hams' reports of your audio quality.
I just had a very nice QSO with a fellow in Illinois last night, I was running 5 watts PEP, processing and high-boost ON. He gave me a 5x5.
bill
Max <ve3tmt@...> wrote:After retuning the ALC, I've got the oscillations to stop. With a tone (1 KHz) fed into the mic input the radio will do a little over
100 watts out, however average SSB talk power is only around 50-60
watts. Carrier power on FM is just over 100 watts on all bands with
no oscillations. I am using a D104 mic, so I figure the average SSB
should be higher. The only pots adjusted were VR14 (ALC voltage) and
VR7 ALC (power output). The output is the same on all bands. What
causes the oscillations when the ALC is turn up too high? Am I
missing something in the tuning?

Help!!

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[Non-text portions of this message have been removed]

# 932. Re: Rig oscillating on TX in 40m band

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-31 14:46:29 UTC
From: Max
Topic: 928  Message: 932

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> Does problem go away at lower power settings?

Yes it would go away when I turned the power down. What I didn't understand is it would only do it on certain bands. I first noticed it on 40m. Whe I retuned and corrected the problem, checking output on the other bands, I found it wasn't constant, ex. 15m was only putting out 20-25 watts. I know have it running 100W carrier power on all bands, average SSB around 60W. As I said with a tone or on a whistle it peaks over 100W, so am I to assume all is well? I love working on these problems, except my day job always seems to get in the way!

# 933. Welcome new member MM0ANT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-03-31 22:51:27 UTC
From: Max
Topic: 933  Message: 933

Nice call Robert,

Please introduce yourself to the group.

# 934. Re: [TS-850_450_690] Re: Rig oscillating on TX in 40m band

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-01 02:49:56 UTC
From: Bill
Topic: 928  Message: 934

Now try it into a dummy load.
If the problem persists, there is a problem with the rig.
If the problem goes away, you have rfi in the shack, possibly something changed on the antennas and RF levels have gone up around the rig.
bill
Max <ve3tmt@...> wrote:--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
>
> Does problem go away at lower power settings?

Yes it would go away when I turned the power down. What I didn't understand is it would only do it on certain bands. I first noticed it on 40m. Whe I retuned and corrected the problem, checking output on the other bands, I found it wasn't constant, ex. 15m was only putting out 20-25 watts. I know have it running 100W carrier power on all bands, average SSB around 60W. As I said with a tone or on a whistle it peaks over 100W, so am I to assume all is well? I love working on these problems, except my day job always seems to get in the way!

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[Non-text portions of this message have been removed]

# 935. Hello all from a new member.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-01 20:51:10 UTC
From: MM0ANT
Topic: 935  Message: 935

Hi all,
I've just joined this group. I've had my 850S for about a year now
and an really enjoying it. I hope everyone is well and enjoying their
radio's! I've just moved into a new house and am about to rebuild the
shack from scratch again; while I am at it I'm introducing new and
changed hardware so some experimentation is about to happen!

I was on the lookout for information in relation to getting a transverter
level output from the 850 to drive my MMT144/28-R at 300mW.
I have looked in the files side and found a mod to allow splitting
the final drive out by using a couple of phono connectors. To be
honest I don't want to attack the rig to that level at present so I will
probably go the external 20Db attenuator and PTT switched relay
for antenna change-over route. This would be completely external to
the rig and is my preferred option at this time.

If anyone has any suggestions or thoughts I'd be glad to hear them all.

Thanks for listening! :)

Robert
www.MM0ANT.co.uk

"No one knows what he can do until he tries."Publilius Syrus

[Non-text portions of this message have been removed]

# 936. Re: Hello all from a new member.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-02 16:01:07 UTC
From: Max
Topic: 935  Message: 936

I was on the lookout for information in relation to getting a transverter level output from the 850 to drive my MMT144/28-R at 300mW. I have looked in the files side and found a mod to allow splitting the final drive out by using a couple of phono connectors.

Robert,

I did the above mod to my 850 to drive my Yaesu FTV700 transverter. The setup works like a charm. I drilled and installed the phono connectors next to the IF OUT jack on the rear panel. The RF drive cable going to the final amp is located right there. Just a case of snipping the cable and connecting it to each plug. I use a short jumper between the plugs when the transverter is not in use.
The most time consuming part was removing the rigs cover!

73,
Max

# 937. Re: [TS-850_450_690] Re: Hello all from a new member.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-02 16:05:32 UTC
From: MM0ANT
Topic: 935  Message: 937

At 02/04/2003 17:01, you wrote:
>I did the above mod to my 850 to drive my Yaesu FTV700 transverter.
>The setup works like a charm. I drilled and installed the phono
>connectors next to the IF OUT jack on the rear panel. The RF drive
>cable going to the final amp is located right there. Just a case of
>snipping the cable and connecting it to each plug. I use a short
>jumper between the plugs when the transverter is not in use.
>The most time consuming part was removing the rigs cover!
>73,
>Max

Something I can't seem to find out anywhere...
What power level is this drive to the final stage amplifier?
If I do this I am looking for around 300-500mW to drive the
transverter.

Robert

[Non-text portions of this message have been removed]

# 938. Re: Hello all from a new member.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-02 20:43:31 UTC
From: Max
Topic: 935  Message: 938

> Something I can't seem to find out anywhere...
> What power level is this drive to the final stage amplifier?
> If I do this I am looking for around 300-500mW to drive the
> transverter.

Robert,
I believe it is only around 2 mW. It drives my transverter nicely to
10W output.

Max

# 939. internal coax connectors

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-03 02:58:05 UTC
From: Bill Leahy
Topic: 939  Message: 939

Anyone know the part numbers for the small coax jumpers used in the Kenwood rigs? These are the grey, RG174 size coax cables with the funny little shielded pin-plugs on the end.

Need one about 8" long for the "AT unit used on receive also" mods.

thanks!

Bill

# 940. database.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-03 04:12:06 UTC
From: Bill Leahy
Topic: 940  Message: 940

Uh... better log in to Yahoo groups TS-850 and check out the DATABASE
for kenwood part numbers that I just created!

Any group member can ADD, EDIT or DELETE records so use it resposibly.

73!

Bill K0ZL

# 941. Re: internal coax connectors

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-03 16:20:48 UTC
From: Clif
Topic: 939  Message: 941

I have added Service Bulletin 905 to the files area which lists the part numbers for the "funny" little cables.

Clif

--- In TS-850_450_690@yahoogroups.com, "Bill Leahy" <coorsbill@y...> wrote:
> Anyone know the part numbers for the small coax jumpers used in the
> Kenwood rigs? These are the grey, RG174 size coax cables with the
> funny little shielded pin-plugs on the end.
>
> Need one about 8" long for the "AT unit used on receive also" mods.
>
> thanks!
>
> Bill

# 942. Re: [TS-850_450_690] Re: internal coax connectors

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-03 23:21:03 UTC
From: Bill
Topic: 939  Message: 942

Thanks Clif!
Clif <avvidclif@...> wrote:I have added Service Bulletin 905 to the files area which lists the
part numbers for the "funny" little cables.

Clif

see our website www.amateur-repairs.com

---
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[Non-text portions of this message have been removed]

# 943. Re: internal coax connectors

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-04 15:31:20 UTC
From: Max
Topic: 939  Message: 943

--- In TS-850_450_690@yahoogroups.com, "Bill Leahy" <coorsbill@y...>
wrote:
> Anyone know the part numbers for the small coax jumpers used in the
> Kenwood rigs? These are the grey, RG174 size coax cables with the
> funny little shielded pin-plugs on the end.
>
> Need one about 8" long for the "AT unit used on receive also" mods.

Hey Bill,

I salvage the cable that went to the IF OUT jack. I believe one end
of it plugs into CN26. Since I won't be using the IF OUT for
anything I wanted to put it to good use.

Max

# 944. ALC issues

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-04 15:45:35 UTC
From: Max
Topic: 944  Message: 944

Let me outline my problem..

As noted in previous posts, my 850 started osillating on certain bands, mainly 80 and 40 meters. After determining the ALC was too high (thanks Bill!), it was retuned, which solved the problem. I am curious though why it only oscillate on certain bands. I can turn the power up higher and be fine on most of the bands, but oscillation occurs on the problem bands. Is there a band specific adjustment that can be made to fix only the bands in question? When I turn the ALC down low enough so there is no oscillation on any band, the radio will only put out around 80-85 watts CW keyed. Should it not do more? And at this power level I am only getting 40-50 watts average power out on SSB. Again, is this normal? After putting the thing all back together now, I now notice that the SWR meter reading shows a 1.5 to 1 reading into my dummy load!! Don't know what has happened here. I think maybe the best approach is to give it a complete retuning as per the service manual. Problem is that the Japanese to English language translation can be confusing at times.

General call for help goes out here...

# 945. Re: ALC issues

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-04 21:17:04 UTC
From: Clif
Topic: 944  Message: 945

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> Let me outline my problem..
>
> As noted in previous posts, my 850 started osillating on certain
> bands, mainly 80 and 40 meters. After determining the ALC was too
> high (thanks Bill!), it was retuned, which solved the problem. I am
> curious though why it only oscillate on certain bands. I can turn
the
> power up higher and be fine on most of the bands, but oscillation
> occurs on the problem bands. Is there a band specific adjustment
> that can be made to fix only the bands in question? When I turn
the
> ALC down low enough so there is no oscillation on any band, the
radio
> will only put out around 80-85 watts CW keyed. Should it not do
> more? And at this power level I am only getting 40-50 watts
average
> power out on SSB. Again, is this normal? After putting the thing
> all back together now, I now notice that the SWR meter reading
shows
> a 1.5 to 1 reading into my dummy load!! Don't know what has
happened
> here. I think maybe the best approach is to give it a complete
> retuning as per the service manual. Problem is that the Japanese
to
> English language translation can be confusing at times.
>
> General call for help goes out here...

Do a step by step alignment on the TX side but don't forget the ALC voltage adjustment at the start. That should cure it. If you don't understand some of the alignment I can explain it but if you don't have the test equipment called for don't even start. Let someone do it who has the equipment.

Another note. Go thru the alignment step by step, TWICE. Take your time.

Clif

# 946. Re: ALC issues

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-04 21:33:39 UTC
From: Max
Topic: 944  Message: 946

--- In TS-850_450_690@yahoogroups.com, "Clif" <avvidclif@y...> wrote:
>> Do a step by step alignment on the TX side but don't forget the
ALC
> voltage adjustment at the start. That should cure it. If you don't
> understand some of the alignment I can explain it but if you don't
> have the test equipment called for don't even start. Let someone do
> it who has the equipment.
>
> Another note. Go thru the alignment step by step, TWICE. Take your
> time.
>
> Clif

Clif,

I went through it this afternoon, and everything looks good. I am still only averaging around 50 watts during speech but a light whistle will produce about 110W on my test meter. No oscillations of any kind. If I inject a 1 khz tone into the rig, it easily does over 100W out. The SWR error was due to TC1 on the filter board. Realignment fixed that. So now all looks good, kudos to you and Bill. I was just under the impression that it should be averaging a little more output, but as Bill mentioned different mics garner different results. I am looking for a Heil to put on it, getting kind of tired of the D104 twang.

73 all,
Max

# 947. Re: [TS-850_450_690] Re: ALC issues

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-04 22:16:19 UTC
From: Zack Widup
Topic: 944  Message: 947

On Fri, 4 Apr 2003, Max wrote:

> I am looking for a Heil to put on it, getting
> kind of tired of the D104 twang.
>
> 73 all,
> Max
>

Yes, but with the D-104 you can achieve this prestigious award:

http://www.ve1dx.net/D104.html

:-)

73, Zack W9SZ

# 948. Re: ALC issues

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-04 22:50:54 UTC
From: Max
Topic: 944  Message: 948

> Yes, but with the D-104 you can achieve this prestigious award:
>
> http://www.ve1dx.net/D104.html
>
> :-)
>
> 73, Zack W9SZ

LOL,

# 949. Re: [TS-850_450_690] Re: internal coax connectors

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-05 15:04:50 UTC
From: Bill
Topic: 939  Message: 949

Thanks Max. Customer wants to retain original config. Plus I want to stock these because every once in a while I break one loose of it's connectors.
Would be nice to have crimp tool and the ends to go on the coax, make them myself!
bill
Max <ve3tmt@...> wrote:--- In TS-850_450_690@yahoogroups.com, "Bill Leahy" <coorsbill@y...>
wrote:
> Anyone know the part numbers for the small coax jumpers used in the
> Kenwood rigs? These are the grey, RG174 size coax cables with the
> funny little shielded pin-plugs on the end.
>
> Need one about 8" long for the "AT unit used on receive also" mods.

Hey Bill,

I salvage the cable that went to the IF OUT jack. I believe one end of it plugs into CN26. Since I won't be using the IF OUT for anything I wanted to put it to good use.

Max

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[Non-text portions of this message have been removed]

# 950. Re: [TS-850_450_690] Re: ALC issues

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-05 16:25:06 UTC
From: Bill
Topic: 944  Message: 950

Oh that is great! I plan on working on mine right away! hi hi
bill
Zack Widup <w9sz@...> wrote:On Fri, 4 Apr 2003, Max wrote:

> I am looking for a Heil to put on it, getting
> kind of tired of the D104 twang.
>
> 73 all,
> Max
>

Yes, but with the D-104 you can achieve this prestigious award:

http://www.ve1dx.net/D104.html

:-)

73, Zack W9SZ

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[Non-text portions of this message have been removed]

# 951. Re: TS-690 battery change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-04 22:34:37 UTC
From: pmik60
Topic: 892  Message: 951

Thanks everybody for the suggestions, tips, & excellent documentation of repairs.

Soapbox on...
As a communications electronics professional with +25 years of maintenance & repair experience, I prefer performing _preventative_ measures rather than corrective measures. Failures usually don't occur at a convenient time.
Soapbox off...

I have inspected the battery in my TS-690s, purchased new in 1993. It is slightly leaking with _no_ corrosion forming or evident yet. Even though the battery & pc board are mounted vertically, a couple of small leakage 'trails' have defied gravity & built up to the pc board. I've removed & cleaned this up with alcohol & a swap.

Replacing the battery with a holder sounds like the most professional solution to me.

Roy, can you advise the Digikey part number of the coin cell holder that fit the existing pc board holes & which coin cell you are using?

Thanks & 73

> I replaced the AA pack with a coin
> cell holder which cost $2 from DigiKey and the pin spacing is just
> right for the TS-450 PCB. Now I won't have to remove the PC board
to
> unsolder the battery, just swing out the front panel and slip a new
> one in about 5 years from now whether it needs to or not.
>
> 73
> Roy

# 952. Re: [TS-850_450_690] Re: maintenance approaches

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-06 12:53:41 UTC
From: Bill
Topic: 892  Message: 952

Agreed. I am instrumental in the creation and maintenance of a PM process at a food plant in the Denver area.
Most electrical failures are of a "random" nature however, and cannot be predicted, especially in today's noisy environment.
There are things that we often need to "run to failure", such as the final transistors in your radio. It would be silly and quite un-economical to replace these every X years, just because "time's up". If you use this approach, it's called (guess what) "run to failure". It might be summed up in the common saying, "If it ain't broke, DON'T FIX IT".
When you have a track record of failure, for example the batteries in the 450/690/850, then you begin to get an idea of the MTBF or Mean Time Between Failure of that particular part or assembly. In this case, it seems to be less than the 10-12 years we have seen with other types of battery. Based on this knowledge that has been developed here in the group, you can do some preventive things such as changing the memory battery every 5 years. Or lubing your VFO encoder shaft yearly, blowing dust out of the rig, and things like that. This is called "preventive maintenance". It's usually calendar-based, done every so often on a regular basis. This could also be called "Fix it before it breaks".
There is another approach to systems maintenance, where you identify failure spots (either based on engineering studies or, more likely, history of failure) and then go in and not only repair it, but re-engineer it to make it less likely to fail or to reduce the consequences of failure. When we replace the memory battery with a battery holder, we are not only replacing the battery but making the system better by reducing future maintenance costs (less time to do the job), reducing system disturbance (lifting the control board, soldering, exposing the rig to static damage etc.) and by isolating the battery from the PC board (reducing consequences of failure... no more board corrosion). This is called in some maintenance groups, "precision maintenance". How could we best describe this? "Fix it so it won't break again".
If we were to have some sign that our transistors were ABOUT to fail, or that the VFO encoder shaft radial play is exceeding some set limit like 0.020", and do our repairs based on that, that is called "predictive maintenance". This could be called, "Fix it because it's gonna break soon". We could use something like a network analyzer to check our coaxial cable and antenna once every 6 months or whatever, and by comparing past results with today's we can make an intelligent decision to replace the coax and connectors based on their performance trends, rather than age or failure mode. This may not make economic sense for the average ham, but if your station condition is "mission critical" (MARS, traffic, contesting, APRS node, etc), then it may be worth doing.
A "great" maintenance system is not entirely "run to failure", "preventive", "predictive" or "precision" based. It will instead have a MIX of these approaches, using the combination that is most effective and makes most economic and strategic sense for each system, unit or sub-assembly of a unit. This applies whether you are maintaining your car, a ham station, or an oil refinery.
73,
bill K0ZL

pmik60 <pmik@...> wrote:Thanks everybody for the suggestions, tips, & excellent documentation

of repairs.

Soapbox on...
As a communications electronics professional with +25 years of maintenance & repair experience, I prefer performing _preventative_ measures rather than corrective measures. Failures usually don't occur at a convenient time.
Soapbox off...

see our website www.amateur-repairs.com

---
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[Non-text portions of this message have been removed]

# 953. Re: TS-690 battery change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-07 14:54:58 UTC
From: rsakabu
Topic: 892  Message: 953

--- In TS-850_450_690@yahoogroups.com, "pmik60" <pmik@m...> wrote:
> Thanks everybody for the suggestions, tips, & excellent documentation
> of repairs.
>
> Soapbox on...
> As a communications electronics professional with +25 years of
> maintenance & repair experience, I prefer performing _preventative_
> measures rather than corrective measures. Failures usually don't occur
> at a convenient time.
> Soapbox off...
>
> I have inspected the battery in my TS-690s, purchased new in 1993. It
> is slightly leaking with _no_ corrosion forming or evident yet. Even
> though the battery & pc board are mounted vertically, a couple of
> small leakage 'trails' have defied gravity & built up to the pc board.
> I've removed & cleaned this up with alcohol & a swap.
>
> Replacing the battery with a holder sounds like the most professional
> solution to me.
>
> Roy, can you advise the Digikey part number of the coin cell holder
> that fit the existing pc board holes & which coin cell you are using?
>
> Thanks & 73
>
> > I replaced the AA pack with a coin
> > cell holder which cost $2 from DigiKey and the pin spacing is just
> > right for the TS-450 PCB. Now I won't have to remove the PC board
> to
> > unsolder the battery, just swing out the front panel and slip a new
> > one in about 5 years from now whether it needs to or not.
> >
> > 73
> > Roy

I replied offline, but I might as well let everyone know:

105K-ND HOLDER, BATTERY COIN 24MM 1-CELL $1.12

Here's the page from digikey:
http://dkc3.digikey.com/PDF/T031/0950.pdf

It's a part from Keystone Electronics.

The pin spacing is 0.807" or 20.5mm

Make sure you get the one cell holder and not the double height (two cell holder). Even though there are only two pins at the bottom of the cell holder and the original TS-450/690 battery has three, you'll notice that two of the pins are tied together on the PC board. When you take the battery out, do a quick Ohm check across the diode closest to the bottom of the battery to make sure it isn't shorted out in the reverse direction. That was the part that caused my battery drain problems and it is also the first part likely to get damaged by a leaking battery.

Digikey will charge an extra $5 for orders less than $25 so you might want to see if you need any other electronic "goodies" while you're at it.

Roy
AD6ZU

# 954. PK-232 to TS-690S Data Cable Needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-07 14:44:32 UTC
From: Paul N. Gayet, AA1SU
Topic: 954  Message: 954

Hi Folks,
I have just joined this group, and I already have a question. I would like to know if there is a cable available to join an AEA PK-232 to the 13 pin din connector on the back of the TS-690S. I want to do some RTTY contesting using FSK, instead of AFSK, which I can do now.

I looked on the MFJ web site, and then e-mailed their technical support line. They have:

"MFJ-5213 Open end 13 pin din Kenwood connector" and
"MFJ-5100X Data Radio Cable - PK-232"

They e-mailed me back this morning, and said that Yes, this is the combination that I would need from them. I would splice the two together, I think.

Do you have any ideas for a pre-made cable? I can also make one with local parts too, but prefer not to.

73
Paul N. Gayet
AA1SU
ARRL Vermont Section Manager
AA1SU@...
FISTS #4028
www.arrl.org/sections/VT.html

[Non-text portions of this message have been removed]

# 955. Re: [TS-850_450_690] PK-232 to TS-690S Data Cable Needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-07 16:19:48 UTC
From: Zack Widup
Topic: 954  Message: 955

I have been wanting to do the same with my PK-232DSP and TS-850S.

I bought a couple of the plugs last summer at a hamfest but haven't put
the cable together yet.

Has anyone else done this and are there any particular precautions about
doing it?

Zack W9SZ

On Mon, 7 Apr 2003, Paul N. Gayet, AA1SU wrote:

> Hi Folks,
> I have just joined this group, and I already have a question. I would like to know if there is a cable available to join an AEA PK-232 to the 13 pin din connector on the back of the TS-690S. I want to do some RTTY contesting using FSK, instead of AFSK, which I can do now.
>
> I looked on the MFJ web site, and then e-mailed their technical support line. They have:
>
> "MFJ-5213 Open end 13 pin din Kenwood connector" and
> "MFJ-5100X Data Radio Cable - PK-232"
>
> They e-mailed me back this morning, and said that Yes, this is the combination that I would need from them. I would splice the two together, I think.
>
> Do you have any ideas for a pre-made cable? I can also make one with local parts too, but prefer not to.
>
>
> 73
> Paul N. Gayet
> AA1SU

# 956. Re: PK-232 to TS-690S Data Cable Needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-08 09:29:55 UTC
From: bud thompson
Topic: 954  Message: 956

Deltona, FL
Tuesday April 8 0525EST

Paul:

Check Buck Rogers packet radio home pages
http://www.packetradio.com/Radio-TNC_Wiring_Diagrams.htm

What you are looking for is this:

SPECIAL Dual I/O cable, AEA PK232 RADIO and FSK jacks to KENWOOD 13 pin DIN
with FSK pin.
CLICK HERE to view drawing. Order No. A232PRYKW13 $19.50

73,

bud Thompson N0IA

# 957. Re: PK-232 to TS-690S Data Cable Needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-08 10:53:13 UTC
From: Paul N. Gayet, AA1SU
Topic: 954  Message: 957

Thanks Bud,
It looks like that will do the trick. Plus, I see another cable that I need to get back on local packet with my Icom Handheld. My old one fell apart. I'm not much of a cable maker here. :-)

73
Paul N. Gayet
AA1SU
ARRL Vermont Section Manager
AA1SU@...
FISTS #4028
www.arrl.org/sections/VT.html

[Non-text portions of this message have been removed]

# 958. Welcome new member CT1HXB

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-10 00:19:44 UTC
From: Max
Topic: 958  Message: 958

Welcome aboard, please introduce yourself to the group.

# 959. TS850 Audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-14 23:02:50 UTC
From: louisa_torrance
Topic: 959  Message: 959

Have just aquired a TS850. Great Radio. Using the standard hand mic at the moment. Which are the best mics for better audio quality in your experience folks (I dont have the DSP unit)> ALso do the filter switches only work on receive or do thery affect transmit as well? Many thanks

# 960. Re: TS850 Audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-15 00:47:11 UTC
From: Max
Topic: 959  Message: 960

--- In TS-850_450_690@yahoogroups.com, "louisa_torrance" <mail@w...>
wrote:
> Have just aquired a TS850. Great Radio. Using the standard hand mic
> at the moment. Which are the best mics for better audio quality in
> your experience folks (I dont have the DSP unit)> ALso do the
filter
> switches only work on receive or do thery affect transmit as well?
> Many thanks

Congratulations on the purchase of your 850. They are a great
radio. Regarding your question on the best mic to use, you are only
limited by your pocketbook. I have used everything from D104's to
studio mics and they all sounded good. If you want to spend the
least amount, go with a Heil GoldLine. Or you can spend $$ and get a
studio condensor mic with EQ setup and the whole works. Not really
needed and I speak from experience. I would save some money and pick
up a Heil.

Regards the filter question...yes the filters can be switched into
the transmit path. You have to push a couple f buttons while turning
the power on to access the menu. It is all explained in the owners
manual.

Have fun,

Max

# 961. Re: [TS-850_450_690] TS850 Audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-15 09:50:40 UTC
From: Dragan Davkovski
Topic: 959  Message: 961

Hi,I am using HEIL HC5 head set microphone and it's working VERY well.
When AIP is switched on audio performances are GREAT.
Try it and you'll not be disappointed.73 Dragan Z32XX

louisa_torrance <mail@...> wrote:Have just aquired a TS850. Great Radio. Using the standard hand mic
at the moment. Which are the best mics for better audio quality in
your experience folks (I dont have the DSP unit)> ALso do the filter
switches only work on receive or do thery affect transmit as well?
Many thanks

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# 962. Re: [TS-850_450_690] TS850 Audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-15 14:21:54 UTC
From: Bill
Topic: 959  Message: 962

Congrats! Kenwood MC-60 works great, also the Heil Gold line, and many others. I use an old Astatic 10DA head with very good results, good compromise between fidelity and "talk power". Careful running "high boost" and "compression" together.. don't run compression much higher than "barely" if high boost is on, otherwise your "frequency neighbors" will complain! Try QRP at 5-10 watts with compression at about 5 db and high boost on. Don't tell anyone you are QRP until after you get your report! hehe There is a power-on menu change that will allow the filters to be changed in tx as well. Use caution here, as when you run 6kHz filters, you will be on double sideband! If you can't find the info I will look it up. I think there is a 850 website in our "links" that will point you right to it. Don't have the info right handy. Anyone else? 73 and enjoy that rig! bill K0ZL

louisa_torrance <mail@...> wrote:Have just aquired a TS850. Great Radio. Using the standard hand mic
at the moment. Which are the best mics for better audio quality in
your experience folks (I dont have the DSP unit)> ALso do the filter
switches only work on receive or do thery affect transmit as well?
Many thanks

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# 963. Re: [TS-850_450_690] TS850 Audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-15 14:38:18 UTC
From: Bill
Topic: 959  Message: 963

Does everyone know what the AIP switch actually does? Question of the week I guess! bill

Dragan Davkovski <davkovski@...> wrote:Hi,I am using HEIL HC5 head set microphone and it's working VERY well.
When AIP is switched on audio performances are GREAT.
Try it and you'll not be disappointed.73 Dragan Z32XX

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[Non-text portions of this message have been removed]

# 964. Re: TS850 Audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-15 15:06:04 UTC
From: rsakabu
Topic: 959  Message: 964

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> Does everyone know what the AIP switch actually does? Question of
the week I guess! bill

Is this a trick question or is this a pop quiz?

I thought the AIP (Advanced Intercept Point) is Kenwood's terminology
for turning the preamp off on the recieve end of the rig. It helps
reduce intermods and overload when you are trying to bring in a weak
singal in the proximity of a strong adjacent signal. Yaesu uses some
other cracker jack name. Icom simply has a "preamp on" switch/indicator.

How's that?

Roy
AD6ZU

# 965. Re: [TS-850_450_690] TS850 Audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-15 15:13:36 UTC
From: Stu
Topic: 959  Message: 965

Think he means high boost
----- Original Message -----
From: "Bill" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, April 15, 2003 3:38 PM
Subject: Re: [TS-850_450_690] TS850 Audio

> Does everyone know what the AIP switch actually does? Question of the week
I guess! bill
>
> Dragan Davkovski <davkovski@...> wrote:Hi,I am using HEIL HC5 head
set microphone and it's working VERY well.
> When AIP is switched on audio performances are GREAT.
> Try it and you'll not be disappointed.73 Dragan Z32XX
>
>
>
>
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>
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>

# 966. Re: [TS-850_450_690] TS850 Audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-15 16:07:43 UTC
From: Dragan Davkovski
Topic: 959  Message: 966

Mistake !
Not AIP but High boost. I am sorry about this confusion !
73 Dragan Z32XX

Bill <coorsbill@...> wrote:Does everyone know what the AIP switch actually does? Question of the week I guess! bill

Dragan Davkovski <davkovski@...> wrote:Hi,I am using HEIL HC5 head set microphone and it's working VERY well.
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Try it and you'll not be disappointed.73 Dragan Z32XX

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# 967. Re: TS850 Audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-15 16:34:33 UTC
From: Max
Topic: 959  Message: 967

If you can't find the info I will look it up. I think there is a 850 website in our "links" that will point you right to it. Don't have the info right handy. Anyone else?

Kenwood TS-850 I.F. TX Bandwidth Power-On Menu Settings:

1) With the 850 turned off, press and hold the "SCAN" and the right "M.Ch" buttons
simultaneously while tuning on the radio.
2) Select menu 1 by rotating the "M.CH/VFO.CH" knob.
3) Turn the option to "ON" by pressing the "UP" button.
4) Press the "CLR" button to exit the power-on menu.
5) On transmit, you can now select the following filters in the 8.83MHz i.f. resulting
in the following on-air bandwidths (with the DSP-100):

None = 6kHz TX bandwidth (with DSP-100)
6k = 5kHz TX bandwidth
2.7k = 2.4kHz TX bandwidth

73,
Max

# 968. Re: TS850 Audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-15 21:59:54 UTC
From: Clif
Topic: 959  Message: 968

The AIP is the Inverse of the Pre-Amp in an Icom. A Kenwood is all systems go in normal mode. The AIP turns off a preamp before the first mixer BUT after the bandpass filters which limits the signals getting to it.

The Icom is reversed. In the Icom to get maximum RX the Pre-Amp must be on. The trick is the preamp in most of them is before the RX bandpass filters and amplifies everything.

Depending on the individual rigs an Icom with the preamp on is the same as a Kenwood with the AIP off. The Preamp gets the Icom to where the Kenwood starts and the AIP backs the Kenwood down to where the Icom started.

Clear as mud. I don't have a clue for Yaesu's name for this fracas.

Clif @ AVVid . COM

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
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>
> Dragan Davkovski <davkovski@y...> wrote:Hi,I am using HEIL HC5 head set microphone and it's working VERY well.
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> Try it and you'll not be disappointed.73 Dragan Z32XX
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>
> see our website www.amateur-repairs.com
>
>
>
> ---
> Do you Yahoo!?
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>

> [Non-text portions of this message have been removed]

# 969. Max gets a raise!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-15 22:16:04 UTC
From: Bill Leahy
Topic: 969  Message: 969

Please offer your congratulations, or condolences, to Max, VE3TMT. I have promoted Max to "full co-owner" of the TS-850etc group! His increased responsibilities and comensurate raise in salary (hic) take effect immediately!

All this really means is now he can ban members, delete the group, and generally be a co-grouch with me, so behave.

73 all! Congrats, Max! hehe

bill K0ZL

# 970. Re: [TS-850_450_690] Re: TS850 Audio TX BANDWIDTH

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-15 22:18:32 UTC
From: Bill
Topic: 959  Message: 970

Thanks Max! b

Max <ve3tmt@...> wrote:If you can't find the info I will look it up. I think there is a 850 website in our "links" that will point you right to it. Don't have
the info right handy. Anyone else?

Kenwood TS-850 I.F. TX Bandwidth Power-On Menu Settings:

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6k = 5kHz TX bandwidth
2.7k = 2.4kHz TX bandwidth

73,
Max

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# 971. new member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-15 20:56:34 UTC
From: paul1372001
Topic: 609  Message: 971

Hi all. Please delete thanks.
from
Paul

# 972. Re: [TS-850_450_690] Re: TS850 Audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-16 00:49:32 UTC
From: Eric
Topic: 959  Message: 972

Yaesu calls it IPO. Intercept Point O?????

Eric
----- Original Message -----
From: Clif
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, April 15, 2003 4:59 PM
Subject: [TS-850_450_690] Re: TS850 Audio

The AIP is the Inverse of the Pre-Amp in an Icom. A Kenwood is all systems go in normal mode. The AIP turns off a preamp before the first mixer BUT after the bandpass filters which limits the signals getting to it.

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Clear as mud. I don't have a clue for Yaesu's name for this fracas.

Clif @ AVVid . COM

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> Does everyone know what the AIP switch actually does? Question of the week I guess! bill
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> Dragan Davkovski <davkovski@y...> wrote:Hi,I am using HEIL HC5 head set microphone and it's working VERY well.
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> see our website www.amateur-repairs.com
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# 973. Re: [TS-850_450_690] Re: TS850 Audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-16 01:53:27 UTC
From: Paul Manuel
Topic: 959  Message: 973

--- Clif <avvidclif@...> wrote:
> Clear as mud. I don't have a clue for Yaesu's name for this fracas.

IPO--Intercept Point Optimization.
73,
Paul K4PDM

_____
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http://search.yahoo.com

# 974. Re: [TS-850_450_690] Re: TS850 Audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-16 02:32:49 UTC
From: Bill
Topic: 959  Message: 974

I think Kenwood just wanted to be different. Having a "direct feed mixer" is really cool, makes the rig sound better on the low bands, reduces all the noise and allows the AGC a little more headroom I think. bill

Clif <avvidclif@...> wrote:The AIP is the Inverse of the Pre-Amp in an Icom. A Kenwood is all
systems go in normal mode. The AIP turns off a preamp before the
first mixer BUT after the bandpass filters which limits the signals
getting to it.

The Icom is reversed. In the Icom to get maximum RX the Pre-Amp must
be on. The trick is the preamp in most of them is before the RX
bandpass filters and amplifies everything.

Depending on the individual rigs an Icom with the preamp on is the
same as a Kenwood with the AIP off. The Preamp gets the Icom to
where the Kenwood starts and the AIP backs the Kenwood down to where
the Icom started.

Clear as mud. I don't have a clue for Yaesu's name for this fracas.

Clif @ AVVid . COM

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> Does everyone know what the AIP switch actually does? Question of
the week I guess! bill
>
> Dragan Davkovski <davkovski@y...> wrote:Hi,I am using HEIL HC5
head set microphone and it's working VERY well.
> When AIP is switched on audio performances are GREAT.
> Try it and you'll not be disappointed.73 Dragan Z32XX
>
>
>
>
> see our website www.amateur-repairs.com
>
>
>
> ---------------------------------
> Do you Yahoo!?
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> [Non-text portions of this message have been removed]

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var lrec_target="_top"; var lrec_URL = new Array(); lrec_URL[1] = "http://rd.yahoo.com/M=231971.3069354.4492417.1728375/D=egroupweb/S=1705063108:HM/A=1540635/R=0/id=flashurl/*http://shop.store.yahoo.com/cgi-bin/clink?proflowers2+shopping:dmad/M=231971.3069354.4492417.1728375/D=egroupweb/S=1705063108:HM/A=1540635/R=1/1050443998+http://us.rmi.yahoo.com/rmi/http://www.proflowers.com/rmi-unframed-url/http://www.proflowers.com/freechocolate/index.cfm%3FREF=FCHYahooEgroupsEasterLRECgif"; var link="javascript:LRECopenWindow(1)"; var lrec_flashfile = 'http://us.yimg.com/a/pr/proflowers/proflowers_easter_300x250.swf?clickTAG='+link+''; var lrec_altURL = "http://rd.yahoo.com/M=231971.3069354.4492417.1728375/D=egroupweb/S=1705063108:HM/A=1540635/R=2/id=altimgurl/*http://shop.store.yahoo.com/cgi-bin/clink?proflowers2+shopping:dmad/M=231971.3069354.4492417.1728375/D=egroupweb/S=1705063108:HM/A=1540635/R=3/1050443998+http://us.rmi.yahoo.com/rmi/http://www.proflowers.com/rmi-unframed-url/http://www.proflowers.com/freechocolate/index.cfm%3FREF=FCHYahooEgroupsEasterLRECgif"; var lrec_altimg = "http://us.yimg.com/a/pr/proflowers2/easter_tulip_300x250_choc.gif"; var lrec_width = 300; var lrec_height = 250;
THANKS FOR USING TS-850_450_690@...

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# 975. Re: [TS-850_450_690] Re: TS850 Audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-16 11:01:50 UTC
From: Stu
Topic: 959  Message: 975

Intercept Point Optimizatiom

ipo in yaesu radios
----- Original Message -----
From: "Eric" <mulder@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, April 16, 2003 1:49 AM
Subject: Re: [TS-850_450_690] Re: TS850 Audio

> Yaesu calls it IPO. Intercept Point O?????
>
> Eric
> ----- Original Message -----
> From: Clif
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, April 15, 2003 4:59 PM
> Subject: [TS-850_450_690] Re: TS850 Audio
>
>
> The AIP is the Inverse of the Pre-Amp in an Icom. A Kenwood is all
> systems go in normal mode. The AIP turns off a preamp before the
> first mixer BUT after the bandpass filters which limits the signals
> getting to it.
>
> The Icom is reversed. In the Icom to get maximum RX the Pre-Amp must
> be on. The trick is the preamp in most of them is before the RX
> bandpass filters and amplifies everything.
>
> Depending on the individual rigs an Icom with the preamp on is the
> same as a Kenwood with the AIP off. The Preamp gets the Icom to
> where the Kenwood starts and the AIP backs the Kenwood down to where
> the Icom started.
>
> Clear as mud. I don't have a clue for Yaesu's name for this fracas.
>
> Clif @ AVVid . COM
>
>
> --- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> > Does everyone know what the AIP switch actually does? Question of
> the week I guess! bill
> >
> > Dragan Davkovski <davkovski@y...> wrote:Hi,I am using HEIL HC5
> head set microphone and it's working VERY well.
> > When AIP is switched on audio performances are GREAT.

> > Try it and you'll not be disappointed.73 Dragan Z32XX
> >
> >
> >
> >
> > see our website www.amateur-repairs.com
> >
> >
> >
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> > [Non-text portions of this message have been removed]
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>
>

# 976. Welcome KC7QJO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-17 10:06:12 UTC
From: Max
Topic: 976  Message: 976

Welcome to the group, please introduce yourself.

# 977. TS 850, Rx stuck in OFF...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-17 20:18:32 UTC
From: D.Cy Gacuzana
Topic: 977  Message: 977

Lately, especially during full break in, the Receiver does not come back, rig just stays in Tx mode... sometimes taping the straight key I also have hooked up brings it back and I can hear again, but often I must turn the radio off and back on again to start receiving, after transmitting. Really puts a damper on things, might anyone have ideas as to the cause and solution? This is an 850S/AT Any input is much appreciated...Darin, w3dcg, Atlanta. GA.

---
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# 978. Re: [TS-850_450_690] TS 850, Rx stuck in OFF...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-18 02:33:55 UTC
From: Bill
Topic: 977  Message: 978

Darin, the keys to t'shooting any T/R problems in the '850 is to use the service manual, and identify the T8 and R8 lines on the IF unit. By measuring these and determining that they are switching correctly, you can check a multitude of things. Next is the "SS" or keying line; there are about 5 or 6 transistors that can "hang" and keep the SS line low, just as your PTT or VOX does. Any of these transistors can get leaky or short, causing the rig to stay in modes that you don't want. We can help you walk through the rig if you want; Highly recommend a service manual if you don't have one. Without it or an intimate knowledge of the '850, you won't get far. There are a couple of guys you can holler at if you need help to get the rig fixed at a shop. 73, Bill K0ZL

"D.Cy Gacuzana" <gacuzana@...> wrote:Lately, especially during full break in, the Receiver does not come back, rig just stays in Tx mode... sometimes taping the straight key I also have hooked up brings it back and I can hear again, but often I must turn the radio off and back on again to start receiving, after transmitting. Really puts a damper on things, might anyone have ideas as to the cause and solution? This is an 850S/AT Any input is much appreciated...Darin, w3dcg, Atlanta. GA.

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# 979. ts850sat only puts out 10watts rf.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-19 17:25:12 UTC
From: n4qde
Topic: 979  Message: 979

hello to everyone.my 850 started out back in january 2003 having the now well known irregular A.L.C.level problem.i replaced the x59-1100-000 board with new one from kenwood.i also installed half of a 22pin dip socket in the mateing board so the next time,removal will be a snap (tnxs Bill).i have been way to busy to get on here and post my additional problem until now.since installing the new dc to dc board, (of which i bought two)my 850 will only put out 10 watts no matter what band,what frequency,what mode.the power level control will not work.i can't even lower the power below 10watts.everything else on the radio works normally even the A.L.C.respondes properly now.do any of you have any idea what would cause this unique problem??.i do own a CD ROM set of schematics for my 850.this is a great radio thanks for your help in advance.Larry Nunnery N4QDE.

# 980. Ts850 audio monitor strange.....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-19 19:36:52 UTC
From: louisa_torrance
Topic: 980  Message: 980

Hi thanks for all the info on my new aquisition TS850!
Heres a strange one...Im on 40M SSB on LSB and when I press the aidio monitor button all I can hear is what sounds like a badly tuned ssb signal...when I switch to USB..perfect audio...whats happening?
Anyone help please. Great site! by the way My daughter set this up for me..shes the pc expert(and a third of my age!)..I am Pete G4HAK.

# 981. Re: [TS-850_450_690] ts850sat only puts out 10watts rf.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-20 01:19:09 UTC
From: Bill
Topic: 979  Message: 981

Make sure the dc-dc conv is working and you are getting -6 volts from that board. b

n4qde <wldn96@...> wrote:hello to everyone.my 850 started out back in january 2003 having the
now well known irregular A.L.C.level problem.i replaced the x59-1100-
000 board with new one from kenwood.i also installed half of a 22pin
dip socket in the mateing board so the next time,removal will be a
snap (tnxs Bill).i have been way to busy to get on here and post my
additional problem until now.since installing the new dc to dc board,
(of which i bought two)my 850 will only put out 10 watts no matter
what band,what frequency,what mode.the power level control will not
work.i can't even lower the power below 10watts.everything else on
the radio works normally even the A.L.C.respondes properly now.do any
of you have any idea what would cause this unique problem??.i do own
a CD ROM set of schematics for my 850.this is a great radio thanks
for your help in advance.Larry Nunnery N4QDE.

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# 982. Re: [TS-850_450_690] Ts850 audio monitor strange.....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-20 01:22:37 UTC
From: Bill
Topic: 980  Message: 982

Thanks for the compliment on the group. You are going to have to get used to being called Louisa, I just look at the FROM header when I respond to these group emails! hehe Not sure what you are getting on the MON... that's wierd. b

louisa_torrance <mail@...> wrote:Hi thanks for all the info on my new aquisition TS850!
Heres a strange one...Im on 40M SSB on LSB and when I press the aidio
monitor button all I can hear is what sounds like a badly tuned ssb
signal...when I switch to USB..perfect audio...whats happening?
Anyone help please. Great site! by the way My daughter set this up
for me..shes the pc expert(and a third of my age!)..I am Pete G4HAK.

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# 983. Re: Ts850 audio monitor strange.....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-20 01:24:45 UTC
From: Max
Topic: 980  Message: 983

--- In TS-850_450_690@yahoogroups.com, "louisa_torrance" <mail@w...>
wrote:
> Hi thanks for all the info on my new aquisition TS850!
> Heres a strange one...Im on 40M SSB on LSB and when I press the
aidio
> monitor button all I can hear is what sounds like a badly tuned ssb
> signal...when I switch to USB..perfect audio...whats happening?
> Anyone help please. Great site! by the way My daughter set this up
> for me..shes the pc expert(and a third of my age!)..I am Pete G4HAK.

Does it do it on all bands Pete, or just 40m LSB? What filter setting
are you using on transmit?

Max

# 984. Re: [TS-850_450_690] Ts850 audio monitor strange.....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-20 03:35:49 UTC
From: Zack Widup
Topic: 980  Message: 984

On Sat, 19 Apr 2003, louisa_torrance wrote:

> Hi thanks for all the info on my new aquisition TS850!
> Heres a strange one...Im on 40M SSB on LSB and when I press the aidio
> monitor button all I can hear is what sounds like a badly tuned ssb
> signal...when I switch to USB..perfect audio...whats happening?
> Anyone help please. Great site! by the way My daughter set this up
> for me..shes the pc expert(and a third of my age!)..I am Pete G4HAK.
>

The first thing to check is the slope tuning knobs. The smaller one
should be fully clockwise and the larger one should be fully
counterclockwise (or do you say anticlockwise in England?) :)

73, Zack W9SZ

# 985. Re: Ts850 audio monitor strange.....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-20 04:22:27 UTC
From: Max
Topic: 980  Message: 985

> The first thing to check is the slope tuning knobs. The smaller one
> should be fully clockwise and the larger one should be fully
> counterclockwise (or do you say anticlockwise in England?) :)
>
> 73, Zack W9SZ

If I understood his first post correctly, he was talking about his transmitted audio through the monitor circuit. Pete, please clarify. Is it when you are receiving or transmitting?

Max

# 986. Re: TS 850, Rx stuck in OFF...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-20 05:22:47 UTC
From: Clif
Topic: 977  Message: 986

It is usually D31 on the RF unit.

Clif

--- In TS-850_450_690@yahoogroups.com, "D.Cy Gacuzana"
<gacuzana@y...> wrote:
> Lately, especially during full break in, the Receiver does not come
back, rig just stays in Tx mode... sometimes taping the straight key
I also have hooked up brings it back and I can hear again, but often
I must turn the radio off and back on again to start receiving, after
transmitting. Really puts a damper on things, might anyone have
ideas as to the cause and solution? This is an 850S/AT Any input is
much appreciated...Darin, w3dcg, Atlanta. GA.
>
>
> ---------------------------------
> Do you Yahoo!?
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>
> [Non-text portions of this message have been removed]

# 987. Re: Ts850 audio monitor strange.....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-20 05:24:34 UTC
From: Clif
Topic: 980  Message: 987

DDS chip on the carrier unit.

Clif

--- In TS-850_450_690@yahoogroups.com, "louisa_torrance" <mail@w...>
wrote:
> Hi thanks for all the info on my new aquisition TS850!
> Heres a strange one...Im on 40M SSB on LSB and when I press the
aidio
> monitor button all I can hear is what sounds like a badly tuned ssb
> signal...when I switch to USB..perfect audio...whats happening?
> Anyone help please. Great site! by the way My daughter set this up
> for me..shes the pc expert(and a third of my age!)..I am Pete G4HAK.

# 988. Re: [TS-850_450_690] Re: Ts850 audio monitor strange.....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-20 13:02:52 UTC
From: Zack Widup
Topic: 980  Message: 988

On Sun, 20 Apr 2003, Max wrote:

>
> > The first thing to check is the slope tuning knobs. The smaller one
> > should be fully clockwise and the larger one should be fully
> > counterclockwise (or do you say anticlockwise in England?) :)
> >
> > 73, Zack W9SZ
>
> If I understood his first post correctly, he was talking about his
> transmitted audio through the monitor circuit. Pete, please
> clarify. Is it when you are receiving or transmitting?
>
> Max
>

That could be. I hardly ever use the monitor on mine when transmitting SSB, but then I hardly ever transmit SSB! :-)

I checked mine out and it's OK. That's a problem I'm unfamiliar with.

73, Zack W9SZ

# 989. Welcome new member AC7NJ

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-23 17:51:17 UTC
From: Max
Topic: 989  Message: 989

On behalf of the moderators, I'd like to welcome you to the group
Randy, please introduce yourself.

Max

# 990. Introduction

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-23 18:20:48 UTC
From: ac7nj@bentonrea.com
Topic: 990  Message: 990

Good morning from AC7NJ and Navy MARS call NNN0KPO
I'm located in Central Washington State a little town called Ephrata
grid DN08 for the people that have that.
Other people draw a "X" corner to corner over Washington and the
cross will be close to where I am.
I just purchased my Kenwood TS850S from an estate so I still need to
get acquainted with it. The Radio was owned by a MARS member before
and is altered for the appropriate out of band operations.
I also like to do RTTY and will be trying to connect it to a PK-232
TNC I have herd stories that can be a problem?
I look forward to meeting some new friends here.

Write soon, 73
Randy
AC7NJ

# 991. ts-450s

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-24 14:29:36 UTC
From: Rojas, Alberto R
Topic: 991  Message: 991

DOES ANY ONE KNOW HOW TO INCREASE THE POWER OUTPUT OF MY TS-450SAT?????

I FELL THAT ITS POWER OUTPUT IS NOT ENOUGH TO EXCITE MY POWER AMPLIFIER
LIKE MY IC-740 DOES.

THANKS IN ADVANCE

Regards,

Alberto R. Rojas A. YV-3-EDO/6

Senior Field Engineer

Eastern Venezuela

+58-283-2351175 Fax : 2356811

Cell: +58-416-6831155

VPN : 105 - EXT 123

[Non-text portions of this message have been removed]

# 992. RE: [TS-850_450_690] ts-450s

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-24 15:28:30 UTC
From: ac7nj@bentonrea.com
Topic: 991  Message: 992

Alberto,
Put a power meter between the radio and the amp. most amps do not
require full transmitters power

Randy

AC7NJ

-----Original Message-----
From: Rojas, Alberto R [mailto:alberto.rojas@...]
Sent: Thursday, April 24, 2003 14:30
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] ts-450s
Importance: High

DOES ANY ONE KNOW HOW TO INCREASE THE POWER OUTPUT OF MY
TS-450SAT?????

I FELL THAT ITS POWER OUTPUT IS NOT ENOUGH TO EXCITE MY POWER
AMPLIFIER
LIKE MY IC-740 DOES.

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Regards,

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# 993. Re: ts-450s

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-24 16:26:16 UTC
From: Max
Topic: 991  Message: 993

--- In TS-850_450_690@yahoogroups.com, "Rojas, Alberto R"
<alberto.rojas@b...> wrote:
> DOES ANY ONE KNOW HOW TO INCREASE THE POWER OUTPUT OF MY TS-
450SAT?????
>
>
>
> I FELL THAT ITS POWER OUTPUT IS NOT ENOUGH TO EXCITE MY POWER
AMPLIFIER
> LIKE MY IC-740 DOES.

Alberto,

If your 450 is putting out factory spec power, it should be more than enough to satisfy the drive requirements of most amplifiers used today. As Randy suggested, check the output of your rig first to see if it is within spec. Anywhere in the 80-100 watt range is normal. If it is less than that (CW carrier power) you may have a problem with the rig. What are the drive specs for your amp? Input power vs. output power?

Max

# 994. Re: [TS-850_450_690] ts-450s

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-24 19:03:31 UTC
From: Bill
Topic: 991  Message: 994

What is it running now? What does your 740 run? What kind of amp and what kind and how many tubes does it have? bill

"Rojas, Alberto R" <alberto.rojas@...> wrote:DOES ANY ONE KNOW HOW TO INCREASE THE POWER OUTPUT OF MY TS-450SAT?????

I FELL THAT ITS POWER OUTPUT IS NOT ENOUGH TO EXCITE MY POWER AMPLIFIER
LIKE MY IC-740 DOES.

THANKS IN ADVANCE

Regards,

Alberto R. Rojas A. YV-3-EDO/6

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# 995. RE: [TS-850_450_690] ts-450s

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-24 19:16:06 UTC
From: Rojas, Alberto R
Topic: 991  Message: 995

Hi to everybody, thanks for your reply......

Actually, my IC-740 give me a little bit more of power (120 Watts) and
my amplifier is a FL-2100Z......

It run two 572B tubes....

With my Ic-740 I got 600 Watts PEP output.

With my Ts-450SAT I got almost 500 Watts PEP....

I am using a YS-60 Wattmeter....

Thanks.

(I think that may be a matter of ALC Adjust)

Alberto R. Rojas A.

Senior Field Engineer

Eastern Venezuela

+58-283-2351175 Fax : 2356811

Cell: +58-416-6831155

VPN : 105 - EXT 123

-----Original Message-----
From: Bill [mailto:coorsbill@...]
Sent: Thursday, April 24, 2003 3:04 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] ts-450s

What45 is it running now? What does your 740 run? What kind of amp and
what kind and how many tubes does it have? bill

"Rojas, Alberto R" <alberto.rojas@...> wrote:DOES ANY ONE
KNOW HOW TO INCREASE THE POWER OUTPUT OF MY TS-450SAT?????

I FELL THAT ITS POWER OUTPUT IS NOT ENOUGH TO EXCITE MY POWER AMPLIFIER
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[Non-text portions of this message have been removed]

# 996. Re: [TS-850_450_690] Introduction

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-24 22:31:48 UTC
From: Bill
Topic: 990  Message: 996

Main problem is RF feedback.. Best to use the FSK input in the back, and use lotsa ferrite cores here and there... After you do your hookup, get on ssb with someone or use the monitor function, and between antennas and dummy load, experiment with where you put your ferrite. I ended up with a core on my station ground lead, believe it or not. Be sure to check all bands. 10 and 20 seem to be the worst. b

ac7nj@... wrote:
Good morning from AC7NJ and Navy MARS call NNN0KPO
I'm located in Central Washington State a little town called Ephrata
grid DN08 for the people that have that.
Other people draw a "X" corner to corner over Washington and the
cross will be close to where I am.
I just purchased my Kenwood TS850S from an estate so I still need to
get acquainted with it. The Radio was owned by a MARS member before
and is altered for the appropriate out of band operations.
I also like to do RTTY and will be trying to connect it to a PK-232
TNC I have herd stories that can be a problem?
I look forward to meeting some new friends here.

Write soon, 73
Randy
AC7NJ

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[Non-text portions of this message have been removed]

# 997. Re: ts-450s

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-25 00:45:18 UTC
From: Max
Topic: 991  Message: 997

> With my Ic-740 I got 600 Watts PEP output.
>
> With my Ts-450SAT I got almost 500 Watts PEP....

The station on the other end probably wouldn't be able to tell the difference.

# 998. Re: [TS-850_450_690] Re: ts-450s

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-25 11:32:10 UTC
From: Paul Manuel
Topic: 991  Message: 998

--- Max <ve3tmt@...> wrote:
As Randy suggested, check the output of your rig first to see
> if it is within spec. Anywhere in the 80-100 watt range is normal.

I hate to disagree, but all my Kenwood rigs have run about 105-110 watts output. 80 watts is 20% below rated power. If that was all I got into a matched load with a Bird meter, I'd turn it up.
Just my opinion!
73,
Paul K4PDM

_____
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# 999. Re: ts-450s

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-25 20:27:04 UTC
From: Max
Topic: 991  Message: 999

I hate to disagree, but all my Kenwood rigs have run about 105-110 watts output. 80 watts is 20% below rated power. If that was all I got into a matched load with a Bird meter, I'd turn it up.

I was trying to make myself feel better Paul! But I agree with you. I am positive I was getting about 125W out of my 850 before. Now if I turn it up any higher than 100W it goes into oscillations on certain bands. I have checked the ALC voltage settings as per the service manual and everything is within spec. I can't for the life of me figure out why I am not getting the output I used to.

Any ideas from the group??

# 1000. Re: ts-450s

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-25 21:16:09 UTC
From: Clif
Topic: 991  Message: 1000

1. What power out are you getting at 14.2 MHz into a dummy load in CW mode??? (Using an external meter)
2. Is it the same on all bands?? (10m may be down 10 watts)

Clif

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> I hate to disagree, but all my Kenwood rigs have run about 105-110
> watts output. 80 watts is 20% below rated power. If that was all I
> got into a matched load with a Bird meter, I'd turn it up.
>
> I was trying to make myself feel better Paul! But I agree with you.
> I am positive I was getting about 125W out of my 850 before. Now if
> I turn it up any higher than 100W it goes into oscillations on
> certain bands. I have checked the ALC voltage settings as per the
> service manual and everything is within spec. I can't for the life
> of me figure out why I am not getting the output I used to.
>
> Any ideas from the group??

# 1001. Re: ts-450s

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-25 23:40:26 UTC
From: Max
Topic: 991  Message: 1001

--- In TS-850_450_690@yahoogroups.com, "Clif" <avvidclif@y...> wrote:
> 1. What power out are you getting at 14.2 MHz into a dummy load in
> CW mode??? (Using an external meter)
> 2. Is it the same on all bands?? (10m may be down 10 watts)
>
> Clif

Hi Clif,

Output on 20m was around 90-100 watts. It is the same on all bands.
My memory may be failing me but I thought before I was easily getting
125W. If I turn VR7 up it will deliver more power but breaks into
oscillation.

Max

# 1002. Help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-27 12:10:01 UTC
From: Herbert Catania
Topic: 1002  Message: 1002

I have had a TS850 SAT since 1995 and have had this problem since ...
ie. The display marks the frequency 200 kcs off the 'real'
frequency ... so say if i'm spreaking to a station on 21.150,00 Mhz
my VFO readout has to be 21.150,20 Mhx ... this is on all bands ...
suppose i need to align the settings .... any ideas how to go about
it please? I can live with this and love my TS850 ... but would feel
better if the VFO is correctlt set.

Thanks and 73s de Herbert = 9H1BD

# 1003. Re: Help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-27 14:45:45 UTC
From: Max
Topic: 1002  Message: 1003

--- In TS-850_450_690@yahoogroups.com, "Herbert Catania"
<herbert@w...> wrote:
> I have had a TS850 SAT since 1995 and have had this problem
since ...
> ie. The display marks the frequency 200 kcs off the 'real'
> frequency ... so say if i'm spreaking to a station on 21.150,00 Mhz
> my VFO readout has to be 21.150,20 Mhx ... this is on all bands ...
> suppose i need to align the settings .... any ideas how to go about
> it please? I can live with this and love my TS850 ... but would
feel
> better if the VFO is correctlt set.
>
> Thanks and 73s de Herbert = 9H1BD

Herbert,

With the frequencies you give in your example, your radio is out 200 hz, not 200 khz, which would be real bad. Have you checked alignment with WWV? Do you have access to a frequency counter? Could be your 20 MHz oscillator is off a wee bit.

Max

# 1006. Re: [TS-850_450_690] ADJUSTING FREQUENCY

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-28 12:33:20 UTC
From: Bill
Topic: 1002  Message: 1006

It's only 200 Hz, not 200kHz! This is easy to fix, just adj the master oscillator frequency. Remove the covers from the rig. Turn on , and cover with a dish towel to allow the rig to warm up as if the covers were on, about an hour. RX mode is fine. Locate a small hole in a cover on the left side of the rig, about 2" up from the bottom of the rig and 5" from the rear. This should be the master oscillator adjustment. Tune in a known-accurate broadcast station. On SSB mode, 6kHz filters, notice that when you are indicating their exact frequency, there is a noticable "beat" tone, very low (200Hz). With a non-conductive tool or insulated screwdriver, carefully adjust the reference oscillator so that the beat note lowers, approaches zero, and then basically stops. You should be right on. Confirm by checking some other stations, then on the ham bands. 73, Bill

Herbert Catania <herbert@...> wrote:I have had a TS850 SAT since 1995 and have had this problem since ...
ie. The display marks the frequency 200 kcs off the 'real'
frequency ... so say if i'm spreaking to a station on 21.150,00 Mhz
my VFO readout has to be 21.150,20 Mhx ... this is on all bands ...
suppose i need to align the settings .... any ideas how to go about
it please? I can live with this and love my TS850 ... but would feel
better if the VFO is correctlt set.

Thanks and 73s de Herbert = 9H1BD

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# 1007. Re: [TS-850_450_690] See the new TS850S!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-28 12:48:30 UTC
From: Bill
Topic: 1007  Message: 1007

Did i miss something here Max? b

Max <ve3tmt@...> wrote:Not the real thing, but it does look nice.

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# 1008. Check out the new TS850S with dual receive!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-28 13:47:09 UTC
From: Max
Topic: 1008  Message: 1008

In the photo section. We can dream can't we?

# 1009. TS-850SAT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-28 22:56:21 UTC
From: moredonuk
Topic: 1009  Message: 1009

Hi I'm new to the group having owned a TS-850 for barely two whole days! I'm sold on it already and wonder how I managed with other, non-Kenwood rigs!
I have a question: The CAR control clearly has some cotrol over the carrier but the hand-book wastes few words on it. It merely advises that is should be set so that it lies within the ALC red zone.
can anyone pse expand on this. It seems non-critical but I would like to know exactly what it does. My main interest incidentally is CW and digital modes.
Although some find it inconvenient to have the side-tone level adjustment inside the set what I find far more irritating is the coarseness of the keyer speed control. has anyone a mod to improve this pse? The only other niggle is that you can't transfer the RIT setting to the main VFO as on for example, the IC751.

A really great rig.
73
Bob G3IHR

# 1010. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-29 00:48:17 UTC
From: Max
Topic: 1009  Message: 1010

> Although some find it inconvenient to have the side-tone level
> adjustment inside the set.

Bob,

There is a sidetone mod widely published on the net to allow the
monitor control to adjust the sidetone volume.

see http://n6tr.jzap.com/sidetone.html

Max

# 1011. Re: [TS-850_450_690] Re: TS-850SAT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-29 12:39:10 UTC
From: Bill
Topic: 1009  Message: 1011

Hey I did one too in '96! hehe bill

Max <ve3tmt@...> wrote:
> Although some find it inconvenient to have the side-tone level
> adjustment inside the set.

Bob,

There is a sidetone mod widely published on the net to allow the
monitor control to adjust the sidetone volume.

see http://n6tr.jzap.com/sidetone.html

Max

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# 1012. Re: [TS-850_450_690] TS-850SAT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-29 00:51:24 UTC
From: Eric
Topic: 1009  Message: 1012

CAR is tied into the power output along with PWR. I set my PWR and CAR at 5 and this gives me ~ 60 watts SSB out. Your ALC, on the meter, is adjusted by the MIC and on SSB I have mine at 2. MIC is the audio gain--too much and you distort, too little and you are soft and underdriving the power out. Brief, but an answer for you. In the owners manual it should/does give definitions and operation procedures for the functions, but probably not a recommended setting(s).

Eric

----- Original Message -----
From: "moredonuk" <hrhenly@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, April 28, 2003 5:56 PM
Subject: [TS-850_450_690] TS-850SAT

> Hi I'm new to the group having owned a TS-850 for barely two whole
> days! I'm sold on it already and wonder how I managed with other, non-
> Kenwood rigs!
> I have a question: The CAR control clearly has some cotrol over the
> carrier but the hand-book wastes few words on it. It merely advises
> that is should be set so that it lies within the ALC red zone.
> can anyone pse expand on this. It seems non-critical but I would like
> to know exactly what it does. My main interest incidentally is CW and
> digital modes.
> Although some find it inconvenient to have the side-tone level
> adjustment inside the set what I find far more irritating is the
> coarseness of the keyer speed control. has anyone a mod to improve
> this pse? The only other niggle is that you can't transfer the RIT
> setting to the main VFO as on for example, the IC751.
>
> A really great rig.
> 73
> Bob G3IHR
>
>
>
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# 1013. Re: [TS-850_450_690] TS-850SAT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-29 13:25:33 UTC
From: Bill
Topic: 1009  Message: 1013

Also... if you are running QRP on CW, and have the CAR up too high, it will pump the ALC and give you a bad CW note. Good post, Eric, thanks for joining the group. Bill K0ZLts-850 and wires and verticals

Eric <mulder@...> wrote:CAR is tied into the power output along with PWR. I set my PWR and CAR at 5
and this gives me ~ 60 watts SSB out. Your ALC, on the meter, is adjusted
by the MIC and on SSB I have mine at 2. MIC is the audio gain--too much and
you distort, too little and you are soft and underdriving the power out.
Brief, but an answer for you. In the owners manual it should/does give
definitions and operation procedures for the functions, but probably not a
recommended setting(s).

Eric

----- Original Message -----
From: "moredonuk" <hrhenly@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, April 28, 2003 5:56 PM
Subject: [TS-850_450_690] TS-850SAT

> Hi I'm new to the group having owned a TS-850 for barely two whole
> days! I'm sold on it already and wonder how I managed with other, non-
> Kenwood rigs!
> I have a question: The CAR control clearly has some cotrol over the
> carrier but the hand-book wastes few words on it. It merely advises
> that is should be set so that it lies within the ALC red zone.
> can anyone pse expand on this. It seems non-critical but I would like
> to know exactly what it does. My main interest incidentally is CW and
> digital modes.
> Although some find it inconvenient to have the side-tone level
> adjustment inside the set what I find far more irritating is the
> coarseness of the keyer speed control. has anyone a mod to improve
> this pse? The only other niggle is that you can't transfer the RIT
> setting to the main VFO as on for example, the IC751.
>
> A really great rig.
> 73
> Bob G3IHR
>
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# 1014. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-29 19:14:39 UTC
From: moredonuk
Topic: 1009  Message: 1014

Thanks for your help fellas, I doubt whether I shall bother with the sidetone mod because I only use headphones. Maybe change my mind after the honeymoon period and I start taking covers off to mode the ATU to feed the receive side.
CAR sounds like it controls the drive to the PA, I'll d'load the hardware manual and have a peek. Thanks for the info on its adjustment -- so far it's been trial and error.
No-one mentioned the keyer speed control -- you can go from 15 to 35wpm by just breathing on it! perhaps a resistor in parallel with the control pot might do the trick if it is getatable.
As I said it's a very impressive rig and even after another day I'm still impressed!
thanks again
73
Bob G3IHR

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> Also... if you are running QRP on CW, and have the CAR up too high, it will pump the ALC and give you a bad CW note. Good post, Eric, thanks for joining the group. Bill K0ZLts-850 and wires and verticals
>
> Eric <mulder@a...> wrote:CAR is tied into the power output along with PWR. I set my PWR and CAR at 5
> and this gives me ~ 60 watts SSB out. Your ALC, on the meter, is adjusted
> by the MIC and on SSB I have mine at 2. MIC is the audio gain--too much and
> you distort, too little and you are soft and underdriving the power out.
> Brief, but an answer for you. In the owners manual it should/does give
> definitions and operation procedures for the functions, but probably not a
> recommended setting(s).
>
> Eric
>
>
> ----- Original Message -----
> From: "moredonuk" <hrhenly@i...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Monday, April 28, 2003 5:56 PM
> Subject: [TS-850_450_690] TS-850SAT
>
>

> > Hi I'm new to the group having owned a TS-850 for barely two whole
> > days! I'm sold on it already and wonder how I managed with other,
non-
> > Kenwood rigs!
> > I have a question: The CAR control clearly has some cotrol over
the
> > carrier but the hand-book wastes few words on it. It merely
advises
> > that is should be set so that it lies within the ALC red zone.
> > can anyone pse expand on this. It seems non-critical but I would
like
> > to know exactly what it does. My main interest incidentally is CW
and
> > digital modes.
> > Although some find it inconvenient to have the side-tone level
> > adjustment inside the set what I find far more irritating is the
> > coarseness of the keyer speed control. has anyone a mod to improve
> > this pse? The only other niggle is that you can't transfer the RIT
> > setting to the main VFO as on for example, the IC751.
> >
> > A really great rig.
> > 73
> > Bob G3IHR
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>
> [Non-text portions of this message have been removed]

# 1015. TS850 - tuning knob moves

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-30 09:26:40 UTC
From: Paul B. Peters, VE7AVV
Topic: 1015  Message: 1015

I have two 850's and both appear to have the same lazy tuning knob syndrome. With the clutch on the knob set to where I like the tension (about the halfway point), the knob continues to move a few kc the moment I stop tuning or take my hand off the knob. It's especially noticeable if the set-screw that holds the knob on is at the top or side of rotation. The dial will turn until the set-screw comes toward the bottom of the arc. This problem is more annoying than anything else but I would like to know a fix. I think the knob should stop turning and stay put rather than move.

Several months ago I did read something about a small tab just behind the tuning knob that could be bent out slightly to add tension -- any thoughts?

73 de Paul, VE7AVV
StoneyGround Station
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
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# 1016. Re: [TS-850_450_690] TS850 - tuning knob moves

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-30 13:44:37 UTC
From: Sarge
Topic: 1015  Message: 1016

Sounds to me that the tension setting you like is too loose. Hahahaha! You may have to just give it up and set it tighter.
Same way with me and 450sat. Had to give up the power steering in order to stay on the track, so to speak.

73
Sarge KD5NRX

I have two 850's and both appear to have the same lazy tuning knob syndrome.

[Non-text portions of this message have been removed]

# 1017. Re: TS850 - tuning knob moves

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-30 22:22:48 UTC
From: MM0ANT
Topic: 1015  Message: 1017

My 850 also had the drifting VFO problem.
I lived with the problem for a while then one day it was all OK
when released off again.

>Several months ago I did read something about a small tab just behind the
>tuning knob that could be bent out slightly to add tension -- any thoughts?
>73 de Paul, VE7AVV

As you asked earlier about the brass fingers on the rear of the knob,
I've, erm, taken my knob off and taken a picture of it... The picture will let
you see what we're all on about. You'll need a 1/16th inch allen key to
remove your knob.

www.mm0fvc.co.uk/mm0ant/photos/850/850knob.jpg

I think I'll rapidly change the subject before I get filtered! :)

Robert
www.MM0ANT.co.uk

[Non-text portions of this message have been removed]

# 1018. Re: [TS-850_450_690] TS850 - tuning knob moves

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-04-30 23:28:23 UTC
From: Bill
Topic: 1015  Message: 1018

Paul, put a drop of 30w motor oil on the shaft bearing. That will slow it a little. b

"Paul B. Peters, VE7AVV" <ve7avv@...> wrote:I have two 850's and both appear to have the same lazy tuning knob syndrome.
With the clutch on the knob set to where I like the tension (about the halfway point), the knob continues to move a few kc the moment I stop tuning or take my hand off the knob. It's especially noticeable if the set-screw that holds the knob on is at the top or side of rotation. The dial will turn until the set-screw comes toward the bottom of the arc. This problem is more annoying than anything else but I would like to know a fix. I think the knob should stop turning and stay put rather than move.

Several months ago I did read something about a small tab just behind the tuning knob that could be bent out slightly to add tension -- any thoughts?

73 de Paul, VE7AVV
StoneyGround Station
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[Non-text portions of this message have been removed]

# 1019. Re: TS-850SAT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-01 15:44:33 UTC
From: Clif
Topic: 1009  Message: 1019

The power control varies the power output and affects all modes,
typically 10-100 watts out. The Car control varies the injection
level of the Carrier Oscillator. It should be set to midscale of the
ALC range in CW mode. In SSB the mike gain does the same thing and
also should be set to midscale of the ALC range.

Clif

--- In TS-850_450_690@yahoogroups.com, "moredonuk" <hrhenly@i...>
wrote:
> Thanks for your help fellas, I doubt whether I shall bother with
the
> sidetone mod because I only use headphones. Maybe change my mind
> after the honeymoon period and I start taking covers off to mode
the
> ATU to feed the receive side.
> CAR sounds like it controls the drive to the PA, I'll d'load the
> hardware manual and have a peek. Thanks for the info on its
> adjustment -- so far it's been trial and error.
> No-one mentioned the keyer speed control -- you can go from 15 to
> 35wpm by just breathing on it! perhaps a resistor in parallel with
> the control pot might do the trick if it is getatable.
> As I said it's a very impressive rig and even after another day
I'm
> still impressed!
> thanks again
> 73
> Bob G3IHR
>
> --- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> > Also... if you are running QRP on CW, and have the CAR up too
high,
> it will pump the ALC and give you a bad CW note. Good post, Eric,
> thanks for joining the group. Bill K0ZLts-850 and wires and
verticals
> >
> > Eric <mulder@a...> wrote:CAR is tied into the power output along
> with PWR. I set my PWR and CAR at 5
> > and this gives me ~ 60 watts SSB out. Your ALC, on the meter,
is
> adjusted
> > by the MIC and on SSB I have mine at 2. MIC is the audio gain--
too
> much and
> > you distort, too little and you are soft and underdriving the

power
> out.
> > Brief, but an answer for you. In the owners manual it
should/does
> give
> > definitions and operation procedures for the functions, but
> probably not a
> > recommended setting(s).
> >
> > Eric
> >
> >
> > ----- Original Message -----
> > From: "moredonuk" <hrhenly@i...>
> > To: <TS-850_450_690@yahoogroups.com>
> > Sent: Monday, April 28, 2003 5:56 PM
> > Subject: [TS-850_450_690] TS-850SAT
> >
> >
> > > Hi I'm new to the group having owned a TS-850 for barely two
whole
> > > days! I'm sold on it already and wonder how I managed with
other,
> non-
> > > Kenwood rigs!
> > > I have a question: The CAR control clearly has some cotrol
over
> the
> > > carrier but the hand-book wastes few words on it. It merely
> advises
> > > that is should be set so that it lies within the ALC red zone.
> > > can anyone pse expand on this. It seems non-critical but I
would
> like
> > > to know exactly what it does. My main interest incidentally is
CW
> and
> > > digital modes.
> > > Although some find it inconvenient to have the side-tone level
> > > adjustment inside the set what I find far more irritating is
the
> > > coarseness of the keyer speed control. has anyone a mod to
improve
> > > this pse? The only other niggle is that you can't transfer the
RIT
> > > setting to the main VFO as on for example, the IC751.
> > >
> > > A really great rig.
> > > 73
> > > Bob G3IHR

> > >
> > >
> > >
> > >
> > > THANKS FOR USING TS-850_450_690@Y...
> > >
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> >
> > ---------------------------------
> > Do you Yahoo!?
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> >
> > [Non-text portions of this message have been removed]

# 1020. Re: TS850 - tuning knob moves

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-01 16:08:27 UTC
From: Clif
Topic: 1015  Message: 1020

The allen screw in the knob is a 1.5mm. DON'T use a 1/16th, if it's tight it will strip it.

Clif

--- In TS-850_450_690@yahoogroups.com, MM0ANT <mail@m...> wrote:
> My 850 also had the drifting VFO problem.
> I lived with the problem for a while then one day it was all OK
> when released off again.
>
>
> >Several months ago I did read something about a small tab just behind the
> >tuning knob that could be bent out slightly to add tension -- any thoughts?
> >73 de Paul, VE7AVV
>
> As you asked earlier about the brass fingers on the rear of the knob,
> I've, erm, taken my knob off and taken a picture of it... The picture will let
> you see what we're all on about. You'll need a 1/16th inch allen key to
> remove your knob.
>
> www.mm0fvc.co.uk/mm0ant/photos/850/850knob.jpg
>
>
> I think I'll rapidly change the subject before I get filtered! :)
>
> Robert
> www.MM0ANT.co.uk
>
>
> [Non-text portions of this message have been removed]

# 1021. Re: TS-690 battery change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-03 15:00:16 UTC
From: pmik60
Topic: 892  Message: 1021

Thanks for the info Roy!

This coin cell holder mod works well. The fit is a little tight with the surrounding components, but it works & the holder keeps the battery snug. DigiKey doesn't carry the batteries to go along with the holder?!?, so I picked up a 2430 coin cell from Radio Shack.

73

--- In TS-850_450_690@yahoogroups.com, "rsakabu" <rsakabu@p...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "pmik60" <pmik@m...> wrote:
> > Thanks everybody for the suggestions, tips, & excellent documentation
> > of repairs.
> >
> > Soapbox on...
> > As a communications electronics professional with +25 years of
> > maintenance & repair experience, I prefer performing _preventative_
> > measures rather than corrective measures. Failures usually don't occur
> > at a convenient time.
> > Soapbox off...
> >
> > I have inspected the battery in my TS-690s, purchased new in 1993. It
> > is slightly leaking with _no_ corrosion forming or evident yet. Even
> > though the battery & pc board are mounted vertically, a couple of
> > small leakage 'trails' have defied gravity & built up to the pc board.
> > I've removed & cleaned this up with alcohol & a swap.
> >
> > Replacing the battery with a holder sounds like the most professional
> > solution to me.
> >
> > Roy, can you advise the Digikey part number of the coin cell holder
> > that fit the existing pc board holes & which coin cell you are using?
> >
> > Thanks & 73
> >
> > > I replaced the AA pack with a coin
> > > cell holder which cost $2 from DigiKey and the pin spacing is

just
> > > right for the TS-450 PCB. Now I won't have to remove the PC
board
> > to
> > > unsolder the battery, just swing out the front panel and slip a
new
> > > one in about 5 years from now whether it needs to or not.
> > >
> > > 73
> > > Roy
>
> I replied offline, but I might as well let everyone know:
>
> 105K-ND HOLDER, BATTERY COIN 24MM 1-CELL $1.12
>
> Here's the page from digikey:
> http://dkc3.digikey.com/PDF/T031/0950.pdf
>
> It's a part from Keystone Electronics.
>
> The pin spacing is 0.807" or 20.5mm
>
> Make sure you get the one cell holder and not the double height (two
> cell holder). Even though there are only two pins at the bottom of
> the cell holder and the original TS-450/690 battery has three,
you'll
> notice that two of the pins are tied together on the PC board. When
> you take the battery out, do a quick Ohm check across the diode
> closest to the bottom of the battery to make sure it isn't shorted
out
> in the reverse direction. That was the part that caused my battery
> drain problems and it is also the first part likely to get damaged
by
> a leaking battery.
>
> Digikey will charge an extra $5 for orders less than $25 so you
might
> want to see if you need any other electronic "goodies" while you're
at it.
>
>
> Roy
> AD6ZU

# 1022. Station Monitor Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-08 23:44:28 UTC
From: ac7nj@bentonrea.com
Topic: 1022  Message: 1022

I have a Kenwood TS-850S can I use the SM-220 Station Monitor and if
so what is needed for cabling? and hook ups?

Randy

AC7NJ

[Non-text portions of this message have been removed]

# 1023. Re: [TS-850_450_690] Station Monitor Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-09 13:32:17 UTC
From: Bill
Topic: 1022  Message: 1023

Randy, what IF freqs is the SM-220 looking for? I forget. b

ac7nj@... wrote:I have a Kenwood TS-850S can I use the SM-220 Station Monitor and if so what is needed for cabling? and hook ups?

Randy

AC7NJ

[Non-text portions of this message have been removed]

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# 1024. RE: [TS-850_450_690] Station Monitor Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-09 13:37:44 UTC
From: ac7nj@bentonrea.com
Topic: 1022  Message: 1024

Bill,
they both read 8.83 in the books with the BS-8

Randy

AC7NJ

-----Original Message-----
From: Bill [mailto:coorsbill@...]
Sent: Friday, May 09, 2003 13:32
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Station Monitor Question

Randy, what IF freqs is the SM-220 looking for? I forget. b

ac7nj@... wrote:I have a Kenwood TS-850S can I use the
SM-220 Station Monitor and if
so what is needed for cabling? and hook ups?

Randy

AC7NJ

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1705063108:HM/A=1482387/R=0/*http://ads.x10.com/?bHlhaG9vaG0xLmRhd=1
052487139%3eM=247865.3269369.4566997.1261774/D=egroupweb/S=170506310
8:HM/A=1482387/R=1=1052487139%3eM=247865.3269369.4566997.1261774/D=e
groupweb/S=1705063108:HM/A=1482387/R=2>

<http://us.adserver.yahoo.com/l?M=247865.3269369.4566997.1261774/D=e
groupmail/S=:HM/A=1482387/rand=697009529>

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[Non-text portions of this message have been removed]

# 1025. Re: Station Monitor Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-09 15:01:14 UTC
From: rsakabu
Topic: 1022  Message: 1025

--- In TS-850_450_690@yahoogroups.com, <ac7nj@b...> wrote:
> Bill,
> they both read 8.83 in the books with the BS-8
>
>
>
> Randy
>
> AC7NJ
>

I emailed my reply to you individually yesterday through the Kenwood mailing list, but in case you missed it. Yes it does work. In fact the SM-220/BS-8 works with the 820, 830, 940, 950, and 870. Unfortunately, Kenwood decided not to put the 8.83 MHz "IF out" on the 930 so it cannot be done there without tapping into the IF signal inside the rig and bringing it out.

All you need is to plug an RCA Phono male to male cable into the IF out on the radio and the IF in on the BS-8 section of the SM-220. A shielded coaxial cable is recommended, but even a homemade twisted pair of wire cable works. You can probably get a cable at your nearest 99cent store or if worse comes to worse, Radio Shack.

The SM-220/BS-8 is a very versatile piece of equipment. You can use it as a standard O-scope, you can monitor your outgoing signal and check it for flat-topping, and with the BS-8, you can use it to "see" nearby signals with any of the above rigs, and in fact use it for any rig of any IF by tapping into the IF, buffering it and mixing it up or down to 8.83 MHz (or close to it).

# 1026. TS850 mic function

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-09 18:10:09 UTC
From: Adrian
Topic: 1026  Message: 1026

I'm probaly trying to get blood out of a stone, but is there any mod or hidden menu function, to enable the mic up-down buttons to control the radio similar to the m-ch rotary control ie in 5kc steps. Similar to how the ts50 will do that.At present in vfo mode the up down tunes similar to the tuning knob.Just wondered if 5kc stepping is possible in vfo mode?

cheers Adrian

# 1027. Is TS-850SAT mic audio available on ACC connector?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-09 22:07:14 UTC
From: w8nflists
Topic: 1027  Message: 1027

I can't find my manual - and I've only had the rig a month.

I have a wireless microphone setup, and want to connect it to the TS-850SAT. I was going to purchase another 8-pin connector for the front, but thought better of it. As many of those connectors as I've repaired for others, I realize it's not the sort of connector that you want to plug/unplug often. So I'd rather connect the wireless mic to the back of the rig - and use VOX. Is there a mic input on one of those ACC connectors?

tnx...W8NF

# 1028. Re: Is TS-850SAT mic audio available on ACC connector?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-10 10:29:59 UTC
From: Max
Topic: 1027  Message: 1028

Is there a mic input on
> one of those ACC connectors?
>
> tnx...W8NF

On the ACCY 2 connector, pin 11 is the mic audio input and pin 12 is
the audio ground.

Max

# 1029. Transverter / satellite operation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-10 13:41:44 UTC
From: vk6xhg0
Topic: 1029  Message: 1029

Anyone out there tried using there 850 as a satellite rcvr, ie 2401-145-28 mhz via a two mtr converter?
I would like to operate AO 40 , using a 2401-145 mhz downconverter then taking that down again to 28 mhz on the TS 850 sat.
I feel the excellent reciever in the 850 would be ideal for satellite reception. I dont want to re invent the wheel so I thought I would ask first.
Also anyone used the transverter side of the rig, any advice etc, and anyone tried to use the radio with software for tracking , ie doppler shift etc.
You have to ask or you dont learn cheers and 73 de Keith VK6XH

# 1030. Re: [TS-850_450_690] Transverter / satellite operation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-10 14:38:35 UTC
From: Bill
Topic: 1029  Message: 1030

Have not tried this but should work. Keep your conversion gains low, as you will be generating a lot of system noise if you don't. b

vk6xhg0 <vk6xhg0@...> wrote:Anyone out there tried using there 850 as a satellite rcvr, ie 2401-
145-28 mhz via a two mtr converter?
I would like to operate AO 40 , using a 2401-145 mhz downconverter
then taking that down again to 28 mhz on the TS 850 sat.
I feel the excellent reciever in the 850 would be ideal for satellite
reception. I dont want to re invent the wheel so I thought I would
ask first.
Also anyone used the transverter side of the rig, any advice etc, and
anyone tried to use the radio with software for tracking , ie doppler
shift etc.
You have to ask or you dont learn cheers and 73 de Keith VK6XH

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# 1031. TS850s observations

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-10 19:51:25 UTC
From: Adrian
Topic: 1031  Message: 1031

Yesterday I had the 850s apart for some maintenance. Did the NB mod ie disconnect C618,C619 as per the the mod in the files sect here.The rit control and display had been erratic and not aligned at 12.00 oclock for zero.I lubricated the pot control with crc and it all came good, smooth control and re-zero was'nt a problem with internal adj.One thing i noticed is the alc tx problem when power supply was reduced to about 13.5v.Had a 5 second cycling of tx power with a cycling alc level seen on alc meter.At 14v the problem was gone and no problems.This radio is normally run at 15v and has a battery backup.Im thinking the dc-dc converter mod here I saw with R2 & R3 22Kohms resistance reduction to 18Kohms is a good fix in my situation.Im wondering how many people out there have replaced the dc-dc board when this mod probaly would have worked for them. Seems like a design issue.However if you get these symptoms try increasing power supply voltage towards 16v max and see if the problem dissapears. This radio runs nicely at 15v and the finals are very responsive to a small volt increase.One question I have is, what would stop the power level control-ie front panel control behind mike gain, from controlling power level,ie full power still at min setting.For some reason the alc voltage isnt being controlled by this control in this radio. Any idea's?

# 1032. Re: TS850s observations

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-11 02:08:08 UTC
From: Adrian
Topic: 1031  Message: 1032

Carried out the mod to the dc-dc converter with absolute success and no alc oscillation at any voltage down to 9v tested. Used two 13Kohm smd resistors from a car stereo junker.Damn fiddly job,but worth it.In event of a power failure with battery backup only operation ie;12v this would have been a real problem to transmit.This dc-dc converter board is mounted on the same board with the nb mod etc under the speaker. Note the nb mod seems to make the alc problem worse for some reason, however the above R2,R3 procedure completely cured the problem.
currently doing the AT tuner in recieve mod, let you know how it goes.

--- In TS-850_450_690@yahoogroups.com, "Adrian" <adshar@i...> wrote:
> Yesterday I had the 850s apart for some maintenance. Did the NB mod
> ie disconnect C618,C619 as per the the mod in the files sect
> here.The rit control and display had been erratic and not aligned at
> 12.00 oclock for zero.I lubricated the pot control with crc and it
> all came good, smooth control and re-zero was'nt a problem with
> internal adj.One thing i noticed is the alc tx problem when power
> supply was reduced to about 13.5v.Had a 5 second cycling of tx power
> with a cycling alc level seen on alc meter.At 14v the problem was
> gone and no problems.This radio is normally run at 15v and has a
> battery backup.Im thinking the dc-dc converter mod here I saw with
> R2 & R3 22Kohms resistance reduction to 18Kohms is a good fix in my
> situation.Im wondering how many people out there have replaced the
> dc-dc board when this mod probaly would have worked for them. Seems
> like a design issue.However if you get these symptoms try increasing
> power supply voltage towards 16v max and see if the problem
> dissapears. This radio runs nicely at 15v and the finals are very
> responsive to a small volt increase.One question I have is, what
> would stop the power level control-ie front panel control behind
> mike gain, from controlling power level,ie full power still at min
> setting.For some reason the alc voltage isnt being controlled by
> this control in this radio. Any idea's?

# 1033. Re: TS850s observations

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-11 03:02:55 UTC
From: Adrian
Topic: 1031  Message: 1033

AT tuner mod works well got a 2-3 signal increase on receive in AT mode.Uploaded a photo to tuner mod photo file.

cheers Adrian

--- In TS-850_450_690@yahoogroups.com, "Adrian" <adshar@i...> wrote:
> Carried out the mod to the dc-dc converter with absolute success and
> no alc oscillation at any voltage down to 9v tested. Used two 13Kohm
> smd resistors from a car stereo junker.Damn fiddly job,but worth
> it.In event of a power failure with battery backup only operation
> ie;12v this would have been a real problem to transmit.This dc-dc
> converter board is mounted on the same board with the nb mod etc
> under the speaker. Note the nb mod seems to make the alc problem
> worse for some reason, however the above R2,R3 procedure completely
> cured the problem.
> currently doing the AT tuner in recieve mod, let you know how it
> goes.
>
> --- In TS-850_450_690@yahoogroups.com, "Adrian" <adshar@i...> wrote:
> > Yesterday I had the 850s apart for some maintenance. Did the NB
> mod
> > ie disconnect C618,C619 as per the the mod in the files sect
> > here.The rit control and display had been erratic and not aligned
> at
> > 12.00 oclock for zero.I lubricated the pot control with crc and it
> > all came good, smooth control and re-zero was'nt a problem with
> > internal adj.One thing i noticed is the alc tx problem when power
> > supply was reduced to about 13.5v.Had a 5 second cycling of tx
> power
> > with a cycling alc level seen on alc meter.At 14v the problem was
> > gone and no problems.This radio is normally run at 15v and has a
> > battery backup.Im thinking the dc-dc converter mod here I saw with
> > R2 & R3 22Kohms resistance reduction to 18Kohms is a good fix in
> my
> > situation.Im wondering how many people out there have replaced the

> > dc-dc board when this mod probaly would have worked for them.
> Seems
> > like a design issue.However if you get these symptoms try
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> > power supply voltage towards 16v max and see if the problem
> > dissapears. This radio runs nicely at 15v and the finals are
very
> > responsive to a small volt increase.One question I have is, what
> > would stop the power level control-ie front panel control behind
> > mike gain, from controlling power level,ie full power still at
min
> > setting.For some reason the alc voltage isnt being controlled by
> > this control in this radio. Any idea's?

# 1034. Re: [TS-850_450_690] TS850s observations

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-12 12:48:58 UTC
From: Bill
Topic: 1031  Message: 1034

Hi Adrian, When a TS-850S is "well" it will operate fairly reliably down to about 10.5 volts. Mine did, until the dc-dc converter started messing up. Mine's in a 11 pin socket so it's easy to change out (owner mod). b

Adrian <adshar@...> wrote:Yesterday I had the 850s apart for some maintenance. Did the NB mod
ie disconnect C618,C619 as per the the mod in the files sect
here.The rit control and display had been erratic and not aligned at
12.00 oclock for zero.I lubricated the pot control with crc and it
all came good, smooth control and re-zero was'nt a problem with
internal adj.One thing i noticed is the alc tx problem when power
supply was reduced to about 13.5v.Had a 5 second cycling of tx power
with a cycling alc level seen on alc meter.At 14v the problem was
gone and no problems.This radio is normally run at 15v and has a
battery backup.Im thinking the dc-dc converter mod here I saw with
R2 & R3 22Kohms resistance reduction to 18Kohms is a good fix in my
situation.Im wondering how many people out there have replaced the
dc-dc board when this mod probaly would have worked for them. Seems
like a design issue.However if you get these symptoms try increasing
power supply voltage towards 16v max and see if the problem
dissapears. This radio runs nicely at 15v and the finals are very
responsive to a small volt increase.One question I have is, what
would stop the power level control-ie front panel control behind
mike gain, from controlling power level,ie full power still at min
setting.For some reason the alc voltage isnt being controlled by
this control in this radio. Any idea's?

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# 1035. Re: TS850s observations DC-DC converter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-12 14:27:12 UTC
From: Adrian
Topic: 1031  Message: 1035

Yes Bill, Well the way kenwood charge for parts over here, I took a more effective approach. I think my resistor change which cost me zero has a good permanent grip on the problem without it resurfacing again. I've heard of operators replacing the board with the problem re-appearing later on.
ie;A common ALC fault in the X59-1100-00 DC-DC converter board causes TX output power to cycle up and down in regular cycles due to alc voltage variation. This is dependent on the power supply voltage and will show up usually under 13.5v or less.
Instead of replacing the DC-DC converter board replace R2 and R3, 22kohm SMD resistors with a lesser value. I used 13kohm SMD resistors with great results ;ie no power dropoff symptoms down to 9v supply tested. have heard of 18Kohm values used with good results too.

cheers Adrian

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> Hi Adrian, When a TS-850S is "well" it will operate fairly reliably down to about 10.5 volts. Mine did, until the dc-dc converter started messing up. Mine's in a 11 pin socket so it's easy to change out (owner mod). b
>
> Adrian <adshar@i...> wrote:Yesterday I had the 850s apart for some maintenance. Did the NB mod
> ie disconnect C618,C619 as per the the mod in the files sect
> here.The rit control and display had been erratic and not aligned at
> 12.00 oclock for zero.I lubricated the pot control with crc and it
> all came good, smooth control and re-zero was'nt a problem with
> internal adj.One thing i noticed is the alc tx problem when power
> supply was reduced to about 13.5v.Had a 5 second cycling of tx power
> with a cycling alc level seen on alc meter.At 14v the problem was
> gone and no problems.This radio is normally run at 15v and has a
> battery backup.Im thinking the dc-dc converter mod here I saw with
> R2 & R3 22Kohms resistance reduction to 18Kohms is a good fix in my
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> dc-dc board when this mod probaly would have worked for them. Seems
> like a design issue.However if you get these symptoms try increasing
> power supply voltage towards 16v max and see if the problem
> dissapears. This radio runs nicely at 15v and the finals are very

> responsive to a small volt increase.One question I have is, what
> would stop the power level control-ie front panel control behind
> mike gain, from controlling power level,ie full power still at min
> setting.For some reason the alc voltage isnt being controlled by
> this control in this radio. Any idea's?
>
>
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> [Non-text portions of this message have been removed]

# 1036. Kudo's to the membership

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-12 19:07:00 UTC
From: Max
Topic: 1036  Message: 1036

A round of applause to all the members for showing what a great group of people we have in this group. It's nice to see everybody helping out the other members.

Congrats!

# 1037. Re: [TS-850_450_690] Kudo's to the membership

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-12 21:21:59 UTC
From: Bill
Topic: 1036  Message: 1037

Max, thank YOU for doing the moderator thing, you are doing FB job. bill K0ZL

Max <ve3tmt@...> wrote:A round of applause to all the members for showing what a great group
of people we have in this group. It's nice to see everybody helping
out the other members.

Congrats!

Yahoo! Groups Sponsor [input] Choose your car now!- Make -AcuraAM GeneralAston MartinAudiBentleyBMWBuickCadillacChevroletChevrolet TruckChryslerDaewooDodgeDodge TruckFerrariFordFord TruckGMCGMC TruckHondaHyundaiInfinitiIsuzuJaguarJeepKiaLamborghiniLand RoverLexusLincolnLotusMazdaMazda TruckMercedes-BenzMercuryMitsubishiNissanNissan TruckOldsmobilePlymouthPontiacPorscheRolls-RoyceSaabSaturnSubaruSuzukiToyotaToyota TruckVolkswagenVolvo [input]
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[Non-text portions of this message have been removed]

# 1038. DC-DC Board Mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-15 20:53:58 UTC
From: Max
Topic: 1038  Message: 1038

I have recently performed the mod to the dc-dc board by changing R2 & R3 from 22k to 17.4k precision resistors. This mod solved my ALC oscillation problem completely and allowed me to achieve the higher output from the radio I was getting previously. At 14.5V DC the radio will produce 150W output when fed with a 1 khz tone. Before the mod maximum carrier power was barely 100W before oscillation started. Thanks to Adrian for all the valuable info with this mod.

Max

# 1039. pc control software

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-18 02:12:07 UTC
From: kb4hqa
Topic: 1039  Message: 1039

what is the best computer controller software for the 450 connected
to a windows based pc,

Tom Samacicio KB4HQA

# 1040. TS-850 tuner squeek/squawk

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-20 02:22:01 UTC
From: k6htm
Topic: 1040  Message: 1040

This is an old topic but worth bringing up again. There are two teflon bearings/spacers inside the front of the tuner which rub against the case thus causing the squeek. You cannot get at them just by poking a lubricant straw through a hole, so you have to remove eight small screws on the front end of the tuner (two on each pot = four) and move the pots out of the way to get the juice where it has to go. I use Super Lube multi-purpose synthetic lubricant with teflon. Hoppe's gun oil is good too, better than WD-40 which I avoid because it gets gummy. Absolutely silent, like new! 73, Charlie - K6HTM

# 1041. Re: TS-850 tuner squeek/squawk

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-20 12:26:10 UTC
From: Max
Topic: 1040  Message: 1041

Thanks for the great tip Charlie. My tuner is still pretty quiet,
but then I have nothing to compare it to! I guess when it gets noisy
I will know it.

Max

# 1042. Re: [TS-850_450_690] TS-850 tuner squeek/squawk

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-20 14:12:28 UTC
From: Bill
Topic: 1040  Message: 1042

Thanks Charlie, I will get some of that synth. lube. I have always worried about what motor oil does to plastic or teflon.

73!

Bill

k6htm <k6htm@...> wrote:
This is an old topic but worth bringing up again. There are two
teflon bearings/spacers inside the front of the tuner which rub
against the case thus causing the squeek. You cannot get at them just
by poking a lubricant straw through a hole, so you have to remove
eight small screws on the front end of the tuner (two on each pot =
four) and move the pots out of the way to get the juice where it has
to go. I use Super Lube multi-purpose synthetic lubricant with
teflon. Hoppe's gun oil is good too, better than WD-40 which I avoid
because it gets gummy. Absolutely silent, like new! 73, Charlie - K6HTM

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[Non-text portions of this message have been removed]

# 1043. Re: [TS-850_450_690] TS-850 tuner squeek/squawk

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-20 14:55:37 UTC
From: Charles Bird
Topic: 1040  Message: 1043

I have two 850's making the noise. Look for the lube
at an auto parts store. Hoppe's at a sports shop. Be
sure these gears, part of the worm drive, turn freely
by pushing them with a screwdriver. -- Charlie
K6HTM
~~~~~~~~~~~~~~
--- Bill <coorsbill@...> wrote:
> Thanks Charlie, I will get some of that synth. lube.
> I have always worried about what motor oil does to
> plastic or teflon.
>
> 73!
>
> Bill
>
> k6htm <k6htm@...> wrote:
> This is an old topic but worth bringing up again.
> There are two
> teflon bearings/spacers inside the front of the
> tuner which rub
> against the case thus causing the squeek. You
> cannot get at them just
> by poking a lubricant straw through a hole, so you
> have to remove
> eight small screws on the front end of the tuner
> (two on each pot =
> four) and move the pots out of the way to get the
> juice where it has
> to go. I use Super Lube multi-purpose synthetic
> lubricant with
> teflon. Hoppe's gun oil is good too, better than
> WD-40 which I avoid
> because it gets gummy. Absolutely silent, like new!
> 73, Charlie - K6HTM
>
>
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http://search.yahoo.com

# 1044. Re: TS-850 tuner squeek/squawk

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-20 19:22:37 UTC
From: Max
Topic: 1040  Message: 1044

--- In TS-850_450_690@yahoogroups.com, Charles Bird <k6htm@y...>
wrote:
> I have two 850's making the noise.

I'd be happy with two 850's! Or one 950SDX!!

# 1045. Re: [TS-850_450_690] pc control software

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-20 19:55:28 UTC
From: Jim ve3mij
Topic: 1039  Message: 1045

Depends what you want to do with it, but I kinda like the one I wrote... It has a 450 mode in it.

http://members.rogers.com/ve3mij/

----- Original Message -----
From: "kb4hqa" <kb4hqa@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, May 17, 2003 10:12 PM
Subject: [TS-850_450_690] pc control software

> what is the best computer controller software for the 450 connected
> to a windows based pc,
>
> Tom Samacicio KB4HQA
>
>
>
>
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# 1046. Re: [TS-850_450_690] TS-850 tuner squeek/squawk

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-21 13:57:07 UTC
From: Bill
Topic: 1040  Message: 1046

I have pictures of the gear train ass'y if anyone needs them. Let me know and I will post to the "photos" section of the group.
b

Charles Bird <k6htm@...> wrote:
I have two 850's making the noise. Look for the lube
at an auto parts store. Hoppe's at a sports shop. Be
sure these gears, part of the worm drive, turn freely
by pushing them with a screwdriver. -- Charlie
K6HTM
~~~~~~~~~~~~~~
--- Bill <coorsbill@...> wrote:
> Thanks Charlie, I will get some of that synth. lube.
> I have always worried about what motor oil does to
> plastic or teflon.
>
> 73!
>
> Bill
>
> k6htm <k6htm@...> wrote:
> This is an old topic but worth bringing up again.
> There are two
> teflon bearings/spacers inside the front of the
> tuner which rub
> against the case thus causing the squeek. You
> cannot get at them just
> by poking a lubricant straw through a hole, so you
> have to remove
> eight small screws on the front end of the tuner
> (two on each pot =
> four) and move the pots out of the way to get the
> juice where it has
> to go. I use Super Lube multi-purpose synthetic
> lubricant with
> teflon. Hoppe's gun oil is good too, better than
> WD-40 which I avoid
> because it gets gummy. Absolutely silent, like new!
> 73, Charlie - K6HTM
>
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[Non-text portions of this message have been removed]

# 1047. Re: [TS-850_450_690] pc control software

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-21 14:29:46 UTC
From: Bill
Topic: 1039  Message: 1047

Jim, I love 16 bit software! hi hi..

Was running dbIII on my 900 Mhz athlon, still use it for the local ham ARES/RACES database. Sure runs fast on the new platforms!

Could you send me a key for your software? I would like to try computer control...

73,

Bill

Jim ve3mij <ve3mij@...> wrote:
Depends what you want to do with it, but I kinda like the one I wrote... It
has a 450 mode in it.

http://members.rogers.com/ve3mij/

----- Original Message -----
From: "kb4hqa" <kb4hqa@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, May 17, 2003 10:12 PM
Subject: [TS-850_450_690] pc control software

> what is the best computer controller software for the 450 connected
> to a windows based pc,
>
> Tom Samacicio KB4HQA
>
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# 1048. Re: [TS-850_450_690] pc control software

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-21 16:33:20 UTC
From: Jim ve3mij
Topic: 1039  Message: 1048

Hi Bill,

Sure, I'd love to send you a key.

Just so you know, the key doesn't do anything but show you as registered. I never crippled the software in anyway, as I originally wrote it for myself and I decided to share it one day.

The key allowed me to get some idea of the interest in the software, and still does. It amazes me that something I haven't done much work on, since 1995, is still being requested!

These days, I'm just way to busy, and my poor 850 sits lonely with no antenna, since I moved 4 years ago. I'll have to put something up this summer, so I can get back on the air. I do miss it...

Anyway, back to the key, I like to put a call sign and name on it. What would you like it to say? (I do a have a sense of humour, if you want something funny in there...)

Jim

One more thing.. It's funny, at the time I was concerned about Visual Basic taking up too much processing time... Can you imagine??? It's amazing the application doesn't think the rig has died waiting for a response, with today's machines!!!

----- Original Message -----
From: "Bill" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, May 21, 2003 10:29 AM
Subject: Re: [TS-850_450_690] pc control software

> Jim, I love 16 bit software! hi hi..
>
> Was running dbIII on my 900 Mhz athlon, still use it for the local ham ARES/RACES database. Sure runs fast on the new platforms!
>
> Could you send me a key for your software? I would like to try computer control...
>
> 73,
>
> Bill
>
> Jim ve3mij <ve3mij@...> wrote:
> Depends what you want to do with it, but I kinda like the one I wrote...

It
> has a 450 mode in it.
>
> http://members.rogers.com/ve3mij/
>
> ----- Original Message -----
> From: "kb4hqa" <kb4hqa@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Saturday, May 17, 2003 10:12 PM
> Subject: [TS-850_450_690] pc control software
>
>
> > what is the best computer controller software for the 450 connected
> > to a windows based pc,
> >
> > Tom Samacicio KB4HQA
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# 1049. Where to obtain accy connectors?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-21 19:41:06 UTC
From: w8nflists
Topic: 1049  Message: 1049

I'm getting ready to cable up the '850 to other parts of the station. Looks like there are 3 accy connectors on the rear, all different. One's got 13 pins, one's a 5+1 DIN and one is something different entirely.

I can, of course, get the mating plugs from Kenwood, but has someone found that they're more readily available from, say, Digi-Key. I pretty much have to do all my ordering over the 'net, and making a phone call during the day to Kwood doesn't work too well.

TIA,

73,

Dave W8NF

# 1050. RE: [TS-850_450_690] Where to obtain accy connectors?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-21 19:56:52 UTC
From: ac7nj@bentonrea.com
Topic: 1049  Message: 1050

Here is one source for the 13 pin DIN (hard to find)

http://www.universal-radio.com/catalog/parts/dinconn.html

also MFJ has one all made up as a cord

http://www.mfjenterprises.com/products.php?prodid=MFJ-5213

Randy

AC7NJ

-----Original Message-----
From: w8nflists [mailto:w8nflists@...]
Sent: Wednesday, May 21, 2003 19:41
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Where to obtain accy connectors?

I'm getting ready to cable up the '850 to other parts of the
station. Looks like there are 3 accy connectors on the rear, all
different. One's got 13 pins, one's a 5+1 DIN and one is something
different entirely.

I can, of course, get the mating plugs from Kenwood, but has someone

found that they're more readily available from, say, Digi-Key. I
pretty much have to do all my ordering over the 'net, and making a
phone call during the day to Kwood doesn't work too well.

TIA,

73,

Dave W8NF

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1705063108:HM/A=1524963/R=0/*http:/hits.411web.com/cgi-bin/autoredir
?camp=556&lineid=3179269$B"g(B=egroupweb&pos=HM>

<http://us.adserver.yahoo.com/l?M=249982.3179269.4495679.1261774/D=e
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# 1051. Re: [TS-850_450_690] Where to obtain accy connectors?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-21 20:05:07 UTC
From: Bill
Topic: 1049  Message: 1051

If you find another source for the 13 pin one, let us know!

b

w8nflists <w8nflists@...> wrote:
I'm getting ready to cable up the '850 to other parts of the
station. Looks like there are 3 accy connectors on the rear, all
different. One's got 13 pins, one's a 5+1 DIN and one is something
different entirely.

I can, of course, get the mating plugs from Kenwood, but has someone
found that they're more readily available from, say, Digi-Key. I
pretty much have to do all my ordering over the 'net, and making a
phone call during the day to Kwood doesn't work too well.

TIA,

73,

Dave W8NF

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# 1052. Re: [TS-850_450_690] Where to obtain accy connectors?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-21 20:12:32 UTC
From: Zack Widup
Topic: 1049  Message: 1052

I've found all of them at hamfests, including that weird 13-pin "ACC2" connector (the same connector is used on the TS-440). Maybe the next time I see them I will buy the guy out and offer them here. I remember they weren't very expensive, maybe 80 cents or a dollar each.

73, Zack W9SZ

On Wed, 21 May 2003, w8nflists wrote:

> I'm getting ready to cable up the '850 to other parts of the
> station. Looks like there are 3 accy connectors on the rear, all
> different. One's got 13 pins, one's a 5+1 DIN and one is something
> different entirely.
>
> I can, of course, get the mating plugs from Kenwood, but has someone
> found that they're more readily available from, say, Digi-Key. I
> pretty much have to do all my ordering over the 'net, and making a
> phone call during the day to Kwood doesn't work too well.
>
> TIA,
>
> 73,
>
> Dave W8NF
>

# 1053. Re: pc control software

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-22 02:49:17 UTC
From: Adrian
Topic: 1039  Message: 1053

Hi Jim, Downloaded that software for a play. The "band" function did'nt seem to change anything on the frequency readout? What am I doing wrong?

regards Adrian

--- In TS-850_450_690@yahoogroups.com, "Jim ve3mij" <ve3mij@r...> wrote:
> Hi Bill,
>
> Sure, I'd love to send you a key.
>
> Just so you know, the key doesn't do anything but show you as registered. I
> never crippled the software in anyway, as I originally wrote it for myself
> and I decided to share it one day.
>
> The key allowed me to get some idea of the interest in the software, and
> still does. It amazes me that something I haven't done much work on, since
> 1995, is still being requested!
>
> These days, I'm just way to busy, and my poor 850 sits lonely with no
> antenna, since I moved 4 years ago. I'll have to put something up this
> summer, so I can get back on the air. I do miss it...
>
> Anyway, back to the key, I like to put a call sign and name on it. What
> would you like it to say? (I do a have a sense of humour, if you want
> something funny in there...)
>
> Jim
>
> One more thing.. It's funny, at the time I was concerned about Visual Basic
> taking up too much processing time... Can you imagine??? It's amazing the
> application doesn't think the rig has died waiting for a response, with
> today's machines!!!

>
>
> ----- Original Message -----
> From: "Bill" <coorsbill@y...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Wednesday, May 21, 2003 10:29 AM
> Subject: Re: [TS-850_450_690] pc control software
>
>
> > Jim, I love 16 bit software! hi hi..
> >
> > Was running dbIII on my 900 Mhz athlon, still use it for the
local ham
> ARES/RACES database. Sure runs fast on the new platforms!
> >
> > Could you send me a key for your software? I would like to try
computer
> control...
> >
> > 73,
> >
> > Bill
> >
> > Jim ve3mij <ve3mij@r...> wrote:
> > Depends what you want to do with it, but I kinda like the one I
wrote...
> It
> > has a 450 mode in it.
> >
> > http://members.rogers.com/ve3mij/
> >
> > ----- Original Message -----
> > From: "kb4hqa" <kb4hqa@y...>
> > To: <TS-850_450_690@yahoogroups.com>
> > Sent: Saturday, May 17, 2003 10:12 PM
> > Subject: [TS-850_450_690] pc control software
> > >
> > >
> > > what is the best computer controller software for the 450
connected
> > > to a windows based pc,
> > >
> > > Tom Samacicio KB4HQA
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> > >
> > >
> > >
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# 1054. RE: [TS-850_450_690] Where to obtain accy connectors?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-22 03:54:33 UTC
From: Bill
Topic: 1049  Message: 1054

Thanks Randy!

As hard as that 13 pin is to solder to, the MFJ cord might be better!

Bill

ac7nj@... wrote:
Here is one source for the 13 pin DIN (hard to find)

http://www.universal-radio.com/catalog/parts/dinconn.html

also MFJ has one all made up as a cord

http://www.mfjenterprises.com/products.php?prodid=MFJ-5213

Randy

AC7NJ

-----Original Message-----
From: w8nflists [mailto:w8nflists@...]
Sent: Wednesday, May 21, 2003 19:41
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Where to obtain accy connectors?

I'm getting ready to cable up the '850 to other parts of the
station. Looks like there are 3 accy connectors on the rear, all
different. One's got 13 pins, one's a 5+1 DIN and one is something
different entirely.

I can, of course, get the mating plugs from Kenwood, but has someone

found that they're more readily available from, say, Digi-Key. I
pretty much have to do all my ordering over the 'net, and making a
phone call during the day to Kwood doesn't work too well.

TIA,

73,

Dave W8NF

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1705063108:HM/A=1524963/R=0/*http:/hits.411web.com/cgi-bin/autoredir
?camp=556&lineid=3179269??=egroupweb&pos=HM>

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[Non-text portions of this message have been removed]

# 1055. Re: Where to obtain accy connectors?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-22 06:49:38 UTC
From: w8nflists
Topic: 1049  Message: 1055

I'm jealous. We don't get hamfests around here. Well, not within
4 hours' drive.

Dayton was hilarious this year. The flea market prices made
ebay look like a bargain!

D

--- In TS-850_450_690@yahoogroups.com, Zack Widup
<w9sz@p...> wrote:
> I've found all of them at hamfests, including that weird 13-pin
"ACC2"
> connector (the same connector is used on the TS-440). Maybe
the next time
> I see them I will buy the guy out and offer them here. I
remember they
> weren't very expensive, maybe 80 cents or a dollar each.
>
> 73, Zack W9SZ
>
>
> On Wed, 21 May 2003, w8nflists wrote:
>
> > I'm getting ready to cable up the '850 to other parts of the
> > station. Looks like there are 3 accy connectors on the rear,
all
> > different. One's got 13 pins, one's a 5+1 DIN and one is
something
> > different entirely.
> >
> > I can, of course, get the mating plugs from Kenwood, but has
someone
> > found that they're more readily available from, say, Digi-Key. I
> > pretty much have to do all my ordering over the 'net, and
making a
> > phone call during the day to Kwood doesn't work too well.
> >
> > TIA,
> >
> > 73,
> >
> > Dave W8NF
> >

# 1056. Re: Where to obtain accy connectors?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-22 11:19:46 UTC
From: Max
Topic: 1049  Message: 1056

--- In TS-850_450_690@yahoogroups.com, "w8nflists" <w8nflists@y...>
wrote:
> I'm getting ready to cable up the '850 to other parts of the
> station. Looks like there are 3 accy connectors on the rear, all
> different. One's got 13 pins, one's a 5+1 DIN and one is something
> different entirely.
>
> I can, of course, get the mating plugs from Kenwood, but has
someone
> found that they're more readily available from, say, Digi-Key. I
> pretty much have to do all my ordering over the 'net, and making a
> phone call during the day to Kwood doesn't work too well.

Dave,

The 7 pin DIN cable for amp switching can use a standard 5 pin DIN
available from any Radio Shack. I have used one to successfully
switch a VHF transverter. The 13 pin DIN plugs are available from
www.packetradio.com BUXCOMM

For the 6 pin DIN (computer control) I just took another 5 pin as
before and carefully broke away all the plastic surrounding the
pins. I then soldered the PC control wires to them and heat shrinked
the connections. Place them in the socket according to the pinout
and wrap some tape around them. Mine haven't failed in over a year.

Hams are known for their ingenuity, aren't they?

73,
Max

# 1057. Re: [TS-850_450_690] Re: dayton

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-22 12:31:00 UTC
From: Bill
Topic: 1049  Message: 1057

Too bad about Dayton. You would think, given the apparent decrease in both attendance and retail prices, that the vendors would try to keep things low to keep people coming.

b

w8nflists <w8nflists@...> wrote:
I'm jealous. We don't get hamfests around here. Well, not within
4 hours' drive.

Dayton was hilarious this year. The flea market prices made
ebay look like a bargain!

D

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# 1058. Re: [TS-850_450_690] Re: Where to obtain accy connectors?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-22 14:02:04 UTC
From: Zack Widup
Topic: 1049  Message: 1058

The computer control connector and pinout is also identical to that of the TS-440. I built my own control interface when I got my TS-440 and use the same box for the TS-850. I think I got the connector from Digi-Key but I'm not sure.

73, Zack W9SZ

On Thu, 22 May 2003, Max wrote:

> --- In TS-850_450_690@yahoogroups.com, "w8nflists" <w8nflists@y...>
> wrote:
> > I'm getting ready to cable up the '850 to other parts of the
> > station. Looks like there are 3 accy connectors on the rear, all
> > different. One's got 13 pins, one's a 5+1 DIN and one is something
> > different entirely.
> >
> > I can, of course, get the mating plugs from Kenwood, but has
> someone
> > found that they're more readily available from, say, Digi-Key. I
> > pretty much have to do all my ordering over the 'net, and making a
> > phone call during the day to Kwood doesn't work too well.
>
> Dave,
>
> The 7 pin DIN cable for amp switching can use a standard 5 pin DIN
> available from any Radio Shack. I have used one to successfully
> switch a VHF transverter. The 13 pin DIN plugs are available from
> www.packetradio.com BUXCOMM
>
> For the 6 pin DIN (computer control) I just took another 5 pin as
> before and carefully broke away all the plastic surrounding the
> pins. I then soldered the PC control wires to them and heat shrinked
> the connections. Place them in the socket according to the pinout
> and wrap some tape around them. Mine haven't failed in over a year.
>
> Hams are known for their ingenuity, aren't they?
>
> 73,
> Max
>

# 1059. Re: [TS-850_450_690] Re: Where to obtain accy connectors?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-22 16:50:10 UTC
From: Zack Widup
Topic: 1049  Message: 1059

There are several "big" ones in Illinois each year. However, they seem to be declining in attendance.

That's too bad about the flea market prices at Dayton. I always look forward to the flea markets as a way to get something cheaply. If the prices do make eBay look like a bargain, that may be why the hamfest crowd is shrinking.

They're still great for eyeball QSO's, though.

I saw a TS-850 (no internal ATU) at the last one I went to for $500. It looked like a good deal.

73, Zack W9SZ

On Thu, 22 May 2003, w8nflists wrote:

> I'm jealous. We don't get hamfests around here. Well, not within
> 4 hours' drive.
>
> Dayton was hilarious this year. The flea market prices made
> ebay look like a bargain!
>
> D
>

# 1060. Processor problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-22 19:25:55 UTC
From: paul1372001
Topic: 1060  Message: 1060

Hi all,
I have a TS 850S/AT and I have a problem with the processor. When I press the PROC button , and then open the processor level I cannot hear nothing. So when I don't have the PROC button pressed the modulation will be good ( hear with the MONI) but when I press the PROC button , the modulation goes to zero, talk and hear nothing. Can someone help me about this ? please
Thanks de
Paul
9H1SP

# 1061. Re: Processor problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-22 19:59:03 UTC
From: Max
Topic: 1060  Message: 1061

Paul,

Is the transmitter showing any output power on the meter, or is it just an audio problem? Sounds to me like your processor board has taken a trip south!

Please advise.

Max

# 1062. Re: [TS-850_450_690] Processor problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-22 22:51:06 UTC
From: Bill
Topic: 1060  Message: 1062

On the IF unit, look at Z8, the proc unit. Check pin 3 "prs" signal, it should be 7-8 volts dc with the processor turned on. That is a start.

Please keep this thread intact when replying, I have a short memory and need to remember where we have been.

73,

bill

paul1372001 <paul1372001@...> wrote:
Hi all,
I have a TS 850S/AT and I have a problem with the processor. When I press the PROC button , and then open the processor level I cannot hear nothing. So when I don't have the PROC button pressed the modulation will be good ( hear with the MONI) but when I press the PROC button , the modulation goes to zero, talk and hear nothing. Can someone help me about this ? please
Thanks de
Paul
9H1SP

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# 1063. Re: [TS-850_450_690] Re: TS850s observations

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-23 00:41:38 UTC
From: Bill
Topic: 1031  Message: 1063

The AT mod proved very good here, using the G5RV aerial on 10M in a quiet location... really picks up the receive because of the inherent mismash between the G5 and the rig.

b

Adrian <adshar@...> wrote:
AT tuner mod works well got a 2-3 signal increase on receive in AT mode.Uploaded a photo to tuner mod photo file.

cheers Adrian

--- In TS-850_450_690@yahoogroups.com, "Adrian" <adshar@i...> wrote:
> Carried out the mod to the dc-dc converter with absolute success and
> no alc oscillation at any voltage down to 9v tested. Used two 13Kohm
> smd resistors from a car stereo junker.Damn fiddly job,but worth
> it.In event of a power failure with battery backup only operation
> ie;12v this would have been a real problem to transmit.This dc-dc
> converter board is mounted on the same board with the nb mod etc
> under the speaker. Note the nb mod seems to make the alc problem
> worse for some reason, however the above R2,R3 procedure completely
> cured the problem.
> currently doing the AT tuner in recieve mod, let you know how it
> goes.
>
> --- In TS-850_450_690@yahoogroups.com, "Adrian" <adshar@i...> wrote:
> > Yesterday I had the 850s apart for some maintenance. Did the NB
> mod
> > ie disconnect C618,C619 as per the the mod in the files sect
> > here.The rit control and display had been erratic and not aligned
> at
> > 12.00 oclock for zero.I lubricated the pot control with crc and it
> > all came good, smooth control and re-zero was'nt a problem with
> > internal adj.One thing i noticed is the alc tx problem when power
> > supply was reduced to about 13.5v.Had a 5 second cycling of tx
> power
> > with a cycling alc level seen on alc meter.At 14v the problem was
> > gone and no problems.This radio is normally run at 15v and has a
> > battery backup.Im thinking the dc-dc converter mod here I saw

with
> > R2 & R3 22Kohms resistance reduction to 18Kohms is a good fix in
> my
> > situation.Im wondering how many people out there have replaced
the
> > dc-dc board when this mod probaly would have worked for them.
> Seems
> > like a design issue.However if you get these symptoms try
> increasing
> > power supply voltage towards 16v max and see if the problem
> > dissapears. This radio runs nicely at 15v and the finals are
very
> > responsive to a small volt increase.One question I have is, what
> > would stop the power level control-ie front panel control behind
> > mike gain, from controlling power level,ie full power still at
min
> > setting.For some reason the alc voltage isnt being controlled by
> > this control in this radio. Any idea's?

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# 1064. Re: [TS-850_450_690] Re: Processor problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-23 11:13:10 UTC
From: paul spiteri
Topic: 1060  Message: 1064

Hi Max,
No nothing, As I press the PROC key, no output power
on the meter.
Thanks for help,
About the Processor Board ? Can someone help me about
the price of it.
73's from
Paul
9H1SP
--- Max <ve3tmt@...> wrote:
> Paul,
>
> Is the transmitter showing any output power on the
> meter, or is it
> just an audio problem? Sounds to me like your
> processor board has
> taken a trip south!
>
> Please advise.
>
> Max
>
>

---
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# 1065. 60M

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-24 14:23:59 UTC
From: Bill Leahy
Topic: 1065  Message: 1065

I have started a new group for 60 meters!

http://groups.yahoo.com/group/60m/

Membership is moderated so allow time for me to approve your application.

73 and enjoy!

Bill K0ZL

# 1066. Re: TS850s observations

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-25 01:56:01 UTC
From: Adrian
Topic: 1031  Message: 1066

Yes works well, but I found with a pre-amp receive amp in line the effect is not noticable or worse than the thru position at a mismatched antenna frequency. With pre-amp off the effect is very noticable..

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> The AT mod proved very good here, using the G5RV aerial on 10M in a quiet location... really picks up the receive because of the inherent mismash between the G5 and the rig.
>
> b
>
> Adrian <adshar@i...> wrote:
> AT tuner mod works well got a 2-3 signal increase on receive in AT
> mode.Uploaded a photo to tuner mod photo file.
>
> cheers Adrian
>
>
> --- In TS-850_450_690@yahoogroups.com, "Adrian" <adshar@i...>
wrote:
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> and
> > no alc oscillation at any voltage down to 9v tested. Used two
> 13Kohm
> > smd resistors from a car stereo junker.Damn fiddly job,but worth
> > it.In event of a power failure with battery backup only
operation
> > ie;12v this would have been a real problem to transmit.This dc-
dc
> > converter board is mounted on the same board with the nb mod etc
> > under the speaker. Note the nb mod seems to make the alc problem
> > worse for some reason, however the above R2,R3 procedure
> completely
> > cured the problem.
> > currently doing the AT tuner in recieve mod, let you know how it
> > goes.
> >
> > --- In TS-850_450_690@yahoogroups.com, "Adrian" <adshar@i...>
> wrote:
> > > Yesterday I had the 850s apart for some maintenance. Did the
NB
> > mod
> > > ie disconnect C618,C619 as per the the mod in the files sect
> > > here.The rit control and display had been erratic and not

> aligned
> > at
> > > 12.00 oclock for zero.I lubricated the pot control with crc
and
> it
> > > all came good, smooth control and re-zero was'nt a problem
with
> > > internal adj.One thing i noticed is the alc tx problem when
> power
> > > supply was reduced to about 13.5v.Had a 5 second cycling of tx
> > power
> > > with a cycling alc level seen on alc meter.At 14v the problem
> was
> > > gone and no problems.This radio is normally run at 15v and has
a
> > > battery backup.Im thinking the dc-dc converter mod here I saw
> with
> > > R2 & R3 22Kohms resistance reduction to 18Kohms is a good fix
in
> > my
> > > situation.Im wondering how many people out there have replaced
> the
> > > dc-dc board when this mod probaly would have worked for them.
> > Seems
> > > like a design issue.However if you get these symptoms try
> > increasing
> > > power supply voltage towards 16v max and see if the problem
> > > dissapears. This radio runs nicely at 15v and the finals are
> very
> > > responsive to a small volt increase.One question I have is,
what
> > > would stop the power level control-ie front panel control
behind
> > > mike gain, from controlling power level,ie full power still at
> min
> > > setting.For some reason the alc voltage isnt being controlled
by
> > > this control in this radio. Any idea's?
>
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# 1067. Looking for a PS-52 or PS-53

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-26 14:23:37 UTC
From: yv5mbx
Topic: 1067  Message: 1067

Hi,

I´m looking for a PS-52 or PS-53 in excellent operating conditions.

Feel free to contact me directly at jlopez@...

73's
Javier

# 1068. Re: Looking for a PS-52 or PS-53

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-27 03:23:31 UTC
From: Paul N. Gayet, AA1SU
Topic: 1067  Message: 1068

Javier,
When I got my TS-690S recently, and I was shopping for filters, I also searched e-bay for the PS-53. There was a guy selling military spec Kenwood PS-53's - about 7 of them. I think. I did not bid on one, as I was on a budget, and I had a power supply. I don't think that he sold them all, so I just did a search on previously sold PS-53's, and I could not find the info. If I find it, I will let you know.

73
Paul N. Gayet
AA1SU
ARRL Vermont Section Manager
AA1SU@...

Never be afraid to try something new.
Remember, amateurs built the ark, professionals built the Titanic.

FISTS #4028
www.arrl.org/sections/VT.html

[Non-text portions of this message have been removed]

# 1069. Source for DIN connectors for Kenwoods.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-28 05:48:05 UTC
From: w8nflists
Topic: 1049  Message: 1069

Thanks to the folks on this great list, I confirmed the DIN-6, DIN-8 and DIN-13 connectors on the rear of the TS-850SAT are real.

It turns out that they are all standard DIN connectors, easy to get from many different places. Even the so-called "rare" DIN 13 turns out to be de rigeur on car stereos, particularly OEM, and lots of musical instrument accessories use it. Using Google to search for "DIN 13" and the others, I was able to scour for pricing and availability. My goal was to find a single source for a bunch of connectors that I needed, and I did find one - and it turns out they're less expensive than almost anybody else, too.

The RF Connection - www.therfc.com. Only $1.50 handling charge per order. Most of the DIN connectors are $1 each; the DIN-13 is $2.75. They also have the 8 pin mic connectors in stock. In addition to cabling the rig to remote accessories, I also like to have at least one spare of each external plug available in the event of a failure. So, will be placing an order from them for the TS-850 connectors and similar for my Icom.

73,

Dave W8NF

# 1070. Re: [TS-850_450_690] Source for DIN connectors for Kenwoods.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-05-28 13:38:26 UTC
From: Bill
Topic: 1049  Message: 1070

Dave, thanks!
b

w8nflists <w8nflists@...> wrote:
...

The RF Connection - www.therfc.com. Only $1.50 handling
charge per order. Most of the DIN connectors are $1 each; the
DIN-13 is $2.75. They also have the 8 pin mic connectors in
stock. In addition to cabling the rig to remote accessories, I also
like to have at least one spare of each external plug available in
the event of a failure. So, will be placing an order from them for
the TS-850 connectors and similar for my Icom.

73,

Dave W8NF

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# 1071. Question on Noise Blanker Mod, and NB operation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-02 16:21:58 UTC
From: Duncan Cameron
Topic: 1071  Message: 1071

I am contemplating the NB Mod, mentioned in the 850 notes (removing or cutting the traces on the two caps on the NB board), however I have heard mixed reviews of the results. If it would increase the effectiveness of the NB, I would go for it. Power line and atmospheric noise is my worst problem and it may be asking too much of the 850 noise blanker to deal with it. (As I understand it, it was not designed to do so) I am also looking for some information on the distortion that is common when using the noise blanker. Will removal of the caps elminate what sounds like "leading edge" distortion when NB#1 is employed?
I really enjoy the radio, but I usually want to find a way to "tweak it" and make it better.
Thanks!
Scott Cameron

# 1072. DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-02 17:57:18 UTC
From: Rojas, Alberto R
Topic: 1072  Message: 1072

Hi Group, recently a good friend of mine, gave me a DSP-100, it
came without cables and manuals....

Does any know how to order or where may i find the schematics for wiring
of those cables.????

73's

Alberto R. Rojas A. YV-3-EDO/6
Senior Field Engineer
Eastern Venezuela
+58-283-2351175 Fax : 2356811
Cell: +58-416-6831155
VPN : 105 - EXT 123

[Non-text portions of this message have been removed]

# 1073. Re: [TS-850_450_690] Question on Noise Blanker Mod, and NB operation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-02 17:54:33 UTC
From: Bill
Topic: 1071  Message: 1073

Noise blankers in their current configuration work only for impulse noise; static crashes and random band noise need a DSP unit to deal with.

The cap mod seems to work; have done for 2 people and they liked it. haven't tried on my own rig yet tho!

to get rid of line noise, put up loops. i have one for 20 that tunes all bands 20 and up. gets rid of tons of noise.

b

Duncan Cameron <dxer10@...> wrote:
I am contemplating the NB Mod, mentioned in the 850 notes (removing
or cutting the traces on the two caps on the NB board), however I
have heard mixed reviews of the results. If it would increase the
effectiveness of the NB, I would go for it. Power line and
atmospheric noise is my worst problem and it may be asking too much
of the 850 noise blanker to deal with it. (As I understand it, it was
not designed to do so) I am also looking for some information on the
distortion that is common when using the noise blanker. Will removal
of the caps elminate what sounds like "leading edge" distortion when
NB#1 is employed?
I really enjoy the radio, but I usually want to find a way to "tweak
it" and make it better.
Thanks!
Scott Cameron

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# 1074. Re: [TS-850_450_690] Question on Noise Blanker Mod, and NB operation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-02 18:24:54 UTC
From: Duncan Cameron
Topic: 1071  Message: 1074

Thanks Bill,
I have been working on clearing brush and trees for a loop for 160 meters and up. I hope the trees I leave will keep the loop at a height of 45-55 feet. I will look forward to quiet bands and improved conditions.
It sounds like the simple incising of a couple of traces on the nb board will be a project for a rainy weekend. (after all they can easily be restored with an application of "Silver Trace")
Regards,
Scott C.

>From: Bill <coorsbill@...>
>Reply-To: TS-850_450_690@yahoogroups.com
>To: TS-850_450_690@yahoogroups.com
>Subject: Re: [TS-850_450_690] Question on Noise Blanker Mod, and NB
>operation
>Date: Mon, 2 Jun 2003 10:54:33 -0700 (PDT)
>
>Noise blankers in their current configuration work only for impulse noise;
>static crashes and random band noise need a DSP unit to deal with.
>
>The cap mod seems to work; have done for 2 people and they liked it.
>haven't tried on my own rig yet tho!
>
>to get rid of line noise, put up loops. i have one for 20 that tunes all
>bands 20 and up. gets rid of tons of noise.
>
>b
>
>
>
>Duncan Cameron <dxer10@...> wrote:
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>or cutting the traces on the two caps on the NB board), however I
>have heard mixed reviews of the results. If it would increase the
>effectiveness of the NB, I would go for it. Power line and
>atmospheric noise is my worst problem and it may be asking too much
>of the 850 noise blanker to deal with it. (As I understand it, it was
>not designed to do so) I am also looking for some information on the
>distortion that is common when using the noise blanker. Will removal
>of the caps elminate what sounds like "leading edge" distortion when
>NB#1 is employed?
>I really enjoy the radio, but I usually want to find a way to "tweak
>it" and make it better.
>Thanks!
>Scott Cameron

>
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>
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>
>
>
>THANKS FOR USING TS-850_450_690@...
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

_____
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# 1075. Re: [TS-850_450_690] Question on Noise Blanker Mod, and NB operation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-03 02:04:39 UTC
From: Bill
Topic: 1071  Message: 1075

Use some desolder wick and suck both ends of the caps dry, then while heating one end gently torque them, just a little, with hemostats. They will pop loose and you can re-solder later if you want.

b

Duncan Cameron <dxer10@...> wrote:
Thanks Bill,
I have been working on clearing brush and trees for a loop for 160 meters and up. I hope the trees I leave will keep the loop at a height of 45-55 feet. I will look forward to quiet bands and improved conditions.
It sounds like the simple incising of a couple of traces on the nb board will be a project for a rainy weekend. (after all they can easily be restored with an application of "Silver Trace")
Regards,
Scott C.

>From: Bill <coorsbill@...>
>Reply-To: TS-850_450_690@yahoogroups.com
>To: TS-850_450_690@yahoogroups.com
>Subject: Re: [TS-850_450_690] Question on Noise Blanker Mod, and NB
>operation
>Date: Mon, 2 Jun 2003 10:54:33 -0700 (PDT)
>
>Noise blankers in their current configuration work only for impulse noise;
>static crashes and random band noise need a DSP unit to deal with.
>
>The cap mod seems to work; have done for 2 people and they liked it.
>haven't tried on my own rig yet tho!
>
>to get rid of line noise, put up loops. i have one for 20 that tunes all
>bands 20 and up. gets rid of tons of noise.
>
>b
>
>
>
>Duncan Cameron <dxer10@...> wrote:
>I am contemplating the NB Mod, mentioned in the 850 notes (removing
>or cutting the traces on the two caps on the NB board), however I
>have heard mixed reviews of the results. If it would increase the
>effectiveness of the NB, I would go for it. Power line and
>atmospheric noise is my worst problem and it may be asking too much
>of the 850 noise blanker to deal with it. (As I understand it, it was
>not designed to do so) I am also looking for some information on the
>distortion that is common when using the noise blanker. Will removal

>of the caps elminate what sounds like "leading edge" distortion when
>NB#1 is employed?
>I really enjoy the radio, but I usually want to find a way to "tweak
>it" and make it better.
>Thanks!
>Scott Cameron
>
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>
>[Non-text portions of this message have been removed]
>
>
>
>THANKS FOR USING TS-850_450_690@...
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>

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---
Do you Yahoo!?
Free online calendar with sync to Outlook(TM).

[Non-text portions of this message have been removed]

# 1076. Re: Question on Noise Blanker Mod, and NB operation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-03 09:51:46 UTC
From: Adrian
Topic: 1071  Message: 1076

I just cut the trace in the small gap on the trace from each of two caps to next component which is close enough too solder direct in reversal of mod. However mod works great . The other day I had interference I normally have problems eliminating, and I hit the nb,s and completely gone !!! Magic

--- In TS-850_450_690@yahoogroups.com, "Duncan Cameron" <dxer10@h...> wrote:
> I am contemplating the NB Mod, mentioned in the 850 notes (removing
> or cutting the traces on the two caps on the NB board), however I
> have heard mixed reviews of the results. If it would increase the
> effectiveness of the NB, I would go for it. Power line and
> atmospheric noise is my worst problem and it may be asking too much
> of the 850 noise blanker to deal with it. (As I understand it, it was
> not designed to do so) I am also looking for some information on the
> distortion that is common when using the noise blanker. Will removal
> of the caps elminate what sounds like "leading edge" distortion when
> NB#1 is employed?
> I really enjoy the radio, but I usually want to find a way to "tweak
> it" and make it better.
> Thanks!
> Scott Cameron

# 1077. Re: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-03 10:40:29 UTC
From: Max
Topic: 1072  Message: 1077

--- In TS-850_450_690@yahoogroups.com, "Rojas, Alberto R"
<Alberto.Rojas@b...> wrote:
>
> Hi Group, recently a good friend of mine, gave me a DSP-100,
it
> came without cables and manuals....

WOW!!!! That is my kind of friend. I may be able to get you some
information out of one of the Kenwood manuals. Will let you know.

Max

# 1078. Re: [TS-850_450_690] Re: Question on Noise Blanker Mod, and NB operation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-03 12:26:55 UTC
From: Bill
Topic: 1071  Message: 1078

Thanks Adrian, guess I will have to do mine next!

bill

Adrian <adshar@...> wrote:
I just cut the trace in the small gap on the trace from each of two caps to next component which is close enough too solder direct in reversal of mod. However mod works great . The other day I had interference I normally have problems eliminating, and I hit the nb,s and completely gone !!! Magic

--- In TS-850_450_690@yahoogroups.com, "Duncan Cameron" <dxer10@h...> wrote:
> I am contemplating the NB Mod, mentioned in the 850 notes (removing
> or cutting the traces on the two caps on the NB board), however I
> have heard mixed reviews of the results. If it would increase the
> effectiveness of the NB, I would go for it. Power line and
> atmospheric noise is my worst problem and it may be asking too much
> of the 850 noise blanker to deal with it. (As I understand it, it was
> not designed to do so) I am also looking for some information on the
> distortion that is common when using the noise blanker. Will removal
> of the caps elminate what sounds like "leading edge" distortion when
> NB#1 is employed?
> I really enjoy the radio, but I usually want to find a way to "tweak
> it" and make it better.
> Thanks!
> Scott Cameron

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[Non-text portions of this message have been removed]

# 1079. Re: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-03 20:01:44 UTC
From: Adrian
Topic: 1072  Message: 1079

Wish I had friends like that lol :)

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "Rojas, Alberto R"
> <Alberto.Rojas@b...> wrote:
> >
> > Hi Group, recently a good friend of mine, gave me a DSP-
100,
> it
> > came without cables and manuals....
>
> WOW!!!! That is my kind of friend. I may be able to get you some
> information out of one of the Kenwood manuals. Will let you know.
>
> Max

# 1080. Re: Question on Noise Blanker Mod, and NB operation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-04 00:33:38 UTC
From: Paul B. Peters, VE7AVV
Topic: 1071  Message: 1080

Having just read the most recent round comments on the 850 NB modification, I am left with a question. Can someone explain what the net result of cutting or removing the traces on the two caps on the NB board is? Or stated another way, removal of these caps appears to dramatically improve the NB performance -- why does it improve the performance is my question? Is there any downside to this modification?

If this is such an easy way to improve the NB performance, I wonder why Kenwood didn't opt for the change years ago as perhaps part of a service bulletin -- or did they?. I am not skeptical of the modification, I just want to understand the inner workings of the radio better if someone can explain the modification.

73 de Paul, VE7AVV
StoneyGround Station
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
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Visit http://www.bcdxc.org for complete details and registration form.

# 1081. Re: Question on Noise Blanker Mod, and NB operation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-04 04:31:08 UTC
From: Adrian
Topic: 1071  Message: 1081

As I understand it these caps eliminated are the only difference between this radio nb and the TS940 nb, which has a good reputation. The attack time window was cut short by the addition of these caps for reasons no-one knows. I can certainly vouch for the effect of the mod. In my opinion the nb was useless before in comparison.

cheers

--- In TS-850_450_690@yahoogroups.com, "Paul B. Peters, VE7AVV" <ve7avv@s...> wrote:
> Having just read the most recent round comments on the 850 NB modification,
> I am left with a question. Can someone explain what the net result of
> cutting or removing the traces on the two caps on the NB board is? Or stated
> another way, removal of these caps appears to dramatically improve the NB
> performance -- why does it improve the performance is my question? Is there
> any downside to this modification?
>
> If this is such an easy way to improve the NB performance, I wonder why
> Kenwood didn't opt for the change years ago as perhaps part of a service
> bulletin -- or did they?. I am not skeptical of the modification, I just
> want to understand the inner workings of the radio better if someone can
> explain the modification.
>
> 73 de Paul, VE7AVV
> StoneyGround Station
> -|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
> "All email from this address is checked by Norton AntiVirus 2003"
>
> Are you registered for DX2003 - Pacific Northwest DX Convention?
> Visit http://www.bcdxc.org for complete details and registration form.

# 1082. 850 NB mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-04 17:03:05 UTC
From: Eric
Topic: 1082  Message: 1082

As an owner of an 850, I have been taking an interest in the Noise Blanker modification that has been discussed on the group. I may have missed some information earlier on the subject, so I ask now if somebody could direct me to the source of how to perform the NB mod. I looked on 3w.mods.dk and did not see it. Thanks in advance.

Just FYI, I have compared my mobile rig, September 2002 Yaesu 100d, to the 850S and even though the 850S is 10-12 years old, it still has better receive than the 100d. I forgot which band I did the comparison on.

KB9IBT,
Eric

[Non-text portions of this message have been removed]

# 1083. Re: 850 NB mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-04 17:24:59 UTC
From: Adrian
Topic: 1082  Message: 1083

The NB board reference is X59-1100-00 and it is located directly under the radio speaker.
Remove the upper part of the cabinet and unplug the loud speaker. You will have to remove 4 screws and unplug 3 connectors in order to extract the board.
The picture uploaded to photo's here shows the board in its normal operating position.
The capacitors to isolate are C618 and C619. These capacitors are quite small SMD components and hard to locate if you don't have the service manual. In this manual, diagram and board view can be found in the RF unit section.

--- In TS-850_450_690@yahoogroups.com, "Eric" <mulder@a...> wrote:
> As an owner of an 850, I have been taking an interest in the Noise Blanker modification that has been discussed on the group. I may have missed some information earlier on the subject, so I ask now if somebody could direct me to the source of how to perform the NB mod. I looked on 3w.mods.dk and did not see it. Thanks in advance.
>
> Just FYI, I have compared my mobile rig, September 2002 Yaesu 100d, to the 850S and even though the 850S is 10-12 years old, it still has better receive than the 100d. I forgot which band I did the comparison on.
>
> KB9IBT,
> Eric
>
> [Non-text portions of this message have been removed]

# 1084. Re: 850 NB mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-04 17:27:05 UTC
From: Adrian
Topic: 1082  Message: 1084

How does it compare to a TS50s ?

cheers

> Just FYI, I have compared my mobile rig, September 2002 Yaesu
100d, to the 850S and even though the 850S is 10-12 years old, it
still has better receive than the 100d. I forgot which band I did
the comparison on.
>
> KB9IBT,
> Eric
>
> [Non-text portions of this message have been removed]

# 1085. Re: [TS-850_450_690] 850 NB mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-04 17:41:29 UTC
From: Duncan Cameron
Topic: 1082  Message: 1085

Eric-
Try this excellent site for the NB mod.
http://tk5ep.free.fr/tech/ts850/nb/ts850nb.htm
Good luck!
Scott C.

>From: "Eric" <mulder@...>
>Reply-To: TS-850_450_690@yahoogroups.com
>To: <TS-850_450_690@yahoogroups.com>
>Subject: [TS-850_450_690] 850 NB mod
>Date: Wed, 4 Jun 2003 12:03:05 -0500
>
>As an owner of an 850, I have been taking an interest in the Noise Blanker
>modification that has been discussed on the group. I may have missed some
>information earlier on the subject, so I ask now if somebody could direct
>me to the source of how to perform the NB mod. I looked on 3w.mods.dk and
>did not see it. Thanks in advance.
>
>Just FYI, I have compared my mobile rig, September 2002 Yaesu 100d, to the
>850S and even though the 850S is 10-12 years old, it still has better
>receive than the 100d. I forgot which band I did the comparison on.
>
>KB9IBT,
>Eric
>

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# 1086. Re: [TS-850_450_690] Re: 850 NB mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-04 18:14:47 UTC
From: Eric
Topic: 1082  Message: 1086

I don't know, I own only the 100d and 850S (HF capable transceivers)

----- Original Message -----
From: "Adrian" <adshar@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, June 04, 2003 12:27 PM
Subject: [TS-850_450_690] Re: 850 NB mod

> How does it compare to a TS50s ?
>
> cheers
>
> > Just FYI, I have compared my mobile rig, September 2002 Yaesu
> 100d, to the 850S and even though the 850S is 10-12 years old, it
> still has better receive than the 100d. I forgot which band I did
> the comparison on.
> >
> > KB9IBT,
> > Eric
> >
> > [Non-text portions of this message have been removed]
>
>
>
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# 1087. Re: [TS-850_450_690] Re: 850 NB mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-04 18:17:19 UTC
From: Eric
Topic: 1082  Message: 1087

Thanks Adrian and Duncan for pointing me in the direct for the NB mod.

Eric

----- Original Message -----
From: "Eric" <mulder@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, June 04, 2003 1:14 PM
Subject: Re: [TS-850_450_690] Re: 850 NB mod

> I don't know, I own only the 100d and 850S (HF capable transceivers)
>
>
> ----- Original Message -----
> From: "Adrian" <adshar@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Wednesday, June 04, 2003 12:27 PM
> Subject: [TS-850_450_690] Re: 850 NB mod
>
>
> > How does it compare to a TS50s ?
> >
> > cheers
> >
> > > Just FYI, I have compared my mobile rig, September 2002 Yaesu
> > 100d, to the 850S and even though the 850S is 10-12 years old, it
> > still has better receive than the 100d. I forgot which band I did
> > the comparison on.
> > >
> > > KB9IBT,
> > > Eric
> > >
> > > [Non-text portions of this message have been removed]
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
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> > Your use of Yahoo! Groups is subject to
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> THANKS FOR USING TS-850_450_690@...

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>

# 1088. RE: [TS-850_450_690] 850 NB mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-04 19:28:57 UTC
From: Rojas, Alberto R
Topic: 1082  Message: 1088

Is this modification compatible with TS-450S????

Thanks

Alberto R. Rojas A. YV-3-EDO/6

Senior Field Engineer

Eastern Venezuela

+58-283-2351175 Fax : 2356811

Cell: +58-416-6831155

VPN : 105 - EXT 123

-----Original Message-----
From: Duncan Cameron [mailto:dxer10@...]
Sent: Wednesday, June 04, 2003 1:41 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] 850 NB mod

Eric-
Try this excellent site for the NB mod.
http://tk5ep.free.fr/tech/ts850/nb/ts850nb.htm
Good luck!
Scott C.

>From: "Eric" <mulder@...>
>Reply-To: TS-850_450_690@yahoogroups.com
>To: <TS-850_450_690@yahoogroups.com>
>Subject: [TS-850_450_690] 850 NB mod
>Date: Wed, 4 Jun 2003 12:03:05 -0500
>
>As an owner of an 850, I have been taking an interest in the Noise
Blanker
>modification that has been discussed on the group. I may have missed
some
>information earlier on the subject, so I ask now if somebody could
direct
>me to the source of how to perform the NB mod. I looked on 3w.mods.dk
and
>did not see it. Thanks in advance.
>
>Just FYI, I have compared my mobile rig, September 2002 Yaesu 100d, to
the
>850S and even though the 850S is 10-12 years old, it still has better

>receive than the 100d. I forgot which band I did the comparison on.
>
>KB9IBT,
>Eric
>

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063108:HM/A=1482387/R=0/SIG=16nu4em26/*http:/ads.x10.com/?bHlhaG9vaG0xLm
Rhd=1054748780%3eM=247865.3355058.4641699.1261774/D=egroupweb/S=17050631
08:HM/A=1482387/R=1=1054748780%3eM=247865.3355058.4641699.1261774/D=egro
upweb/S=1705063108:HM/A=1482387/R=2>

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[Non-text portions of this message have been removed]

# 1089. RE: [TS-850_450_690] 850 NB mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-04 20:26:38 UTC
From: Duncan Cameron
Topic: 1082  Message: 1089

Alberto-I can find no reference to a Noise Blanker mod for the TS-450. I
don't have a manual to see if the circuits are the same between the 450 and
the 850.
Perhaps some other group member can answer your question.
Scott C.

>From: "Rojas, Alberto R" <Alberto.Rojas@...>
>Reply-To: TS-850_450_690@yahoogroups.com
>To: <TS-850_450_690@yahoogroups.com>
>Subject: RE: [TS-850_450_690] 850 NB mod
>Date: Wed, 4 Jun 2003 14:28:57 -0500
>
>Is this modification compatible with TS-450S????
>
>Thanks
>
>
>
>
>
>Alberto R. Rojas A. YV-3-EDO/6
>
>Senior Field Engineer
>
>Eastern Venezuela
>
>+58-283-2351175 Fax : 2356811
>
>Cell: +58-416-6831155
>
>VPN : 105 - EXT 123
>
>-----Original Message-----
>From: Duncan Cameron [mailto:dxer10@...]
>Sent: Wednesday, June 04, 2003 1:41 PM
>To: TS-850_450_690@yahoogroups.com
>Subject: Re: [TS-850_450_690] 850 NB mod
>
>
>
>Eric-
>Try this excellent site for the NB mod.
>http://tk5ep.free.fr/tech/ts850/nb/ts850nb.htm
>Good luck!
>Scott C.

>
> >From: "Eric" <mulder@...>
> >Reply-To: TS-850_450_690@yahoogroups.com
> >To: <TS-850_450_690@yahoogroups.com>
> >Subject: [TS-850_450_690] 850 NB mod
> >Date: Wed, 4 Jun 2003 12:03:05 -0500
> >
> >As an owner of an 850, I have been taking an interest in the Noise
>Blanker
> >modification that has been discussed on the group. I may have missed
>some
> >information earlier on the subject, so I ask now if somebody could
>direct
> >me to the source of how to perform the NB mod. I looked on 3w.mods.dk
>and
> >did not see it. Thanks in advance.
> >
> >Just FYI, I have compared my mobile rig, September 2002 Yaesu 100d, to
>the
> >850S and even though the 850S is 10-12 years old, it still has better
> >receive than the 100d. I forgot which band I did the comparison on.
> >
> >KB9IBT,
> >Eric
> >
>
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>063108:HM/A=1482387/R=0/SIG=16nu4em26/*http:/ads.x10.com/?bHlhaG9vaG0xLm
>Rhd=1054748780%3eM=247865.3355058.4641699.1261774/D=egroupweb/S=17050631
>08:HM/A=1482387/R=1=1054748780%3eM=247865.3355058.4641699.1261774/D=egro
>upweb/S=1705063108:HM/A=1482387/R=2>
>
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>
><http://us.adserver.yahoo.com/l?M=247865.3355058.4641699.1261774/D=egrou

>pmail/S=:HM/A=1482387/rand=741447102>
>
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# 1090. Re: [TS-850_450_690] Processor problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-04 19:25:34 UTC
From: paul spiteri
Topic: 1060  Message: 1090

HI all I am writing again regarding my proc problem,
Could it be that the memory battery is flat down and
couses this problem with the proc level
thanks from
9H1SP
Paul
--- Bill <coorsbill@...> wrote:
> On the IF unit, look at Z8, the proc unit. Check
> pin 3 "prs" signal, it should be 7-8 volts dc with
> the processor turned on. That is a start.
>
> Please keep this thread intact when replying, I have
> a short memory and need to remember where we have
> been.
>
> 73,
>
> bill
>
> paul1372001 <paul1372001@...> wrote:
> Hi all,
> I have a TS 850S/AT and I have a problem with the
> processor. When I
> press the PROC button , and then open the processor
> level I cannot
> hear nothing. So when I don't have the PROC button
> pressed the
> modulation will be good ( hear with the MONI) but
> when I press the
> PROC button , the modulation goes to zero, talk and
> hear nothing. Can
> someone help me about this ? please
> Thanks de
> Paul
> 9H1SP

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http://calendar.yahoo.com

# 1091. Re: [TS-850_450_690] 850 NB mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-04 21:47:26 UTC
From: Sarge
Topic: 1082  Message: 1091

Geez, I see nothing wrong with the noise blanker on my 450. Can it get better?

Alberto-I can find no reference to a Noise Blanker mod for the TS-450. I don't have a manual to see if the circuits are the same between the 450 and the 850.
Perhaps some other group member can answer your question.
Scott C.

[Non-text portions of this message have been removed]

# 1092. Re: [TS-850_450_690] 850 NB mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-05 00:21:05 UTC
From: Bill
Topic: 1082  Message: 1092

Not surprised on the receive comparison, but then the 850 doesn't fit under the dash real well! ha...

anyway... I have done the mod on two other guy's rigs and they seem to like it. I involves removing two SMD caps from the small circuit board under the "s" meter area of the display. Or you can cut two traces...

I will post the mod to the group "files" area and also send copy to you (attachements to the group are disabled for security reasons).

bill

Eric <mulder@...> wrote:
As an owner of an 850, I have been taking an interest in the Noise Blanker modification that has been discussed on the group. I may have missed some information earlier on the subject, so I ask now if somebody could direct me to the source of how to perform the NB mod. I looked on 3w.mods.dk and did not see it. Thanks in advance.

Just FYI, I have compared my mobile rig, September 2002 Yaesu 100d, to the 850S and even though the 850S is 10-12 years old, it still has better receive than the 100d. I forgot which band I did the comparison on.

KB9IBT,
Eric

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 1093. MODS AND FILES

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-05 00:25:55 UTC
From: Bill Leahy
Topic: 1093  Message: 1093

When uploading modifications to the group's "files" area, please use the MODIFICATIONS folder to keep things organized. Feel free to add appropriate folders as needed, just as you would on your own computer.

I have put the NOISE BLANKER mod in there, in two formats; use whichever one works for you.

73!

Bill K0ZL

# 1094. Re: [TS-850_450_690] Re: 850 NB mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-05 00:30:22 UTC
From: Bill
Topic: 1082  Message: 1094

The 850 is much superior in many ways to the 50, but it's like comparing apples and oranges. I have used the ts-50 and the ts-850 and like them both, for different reasons.

bill

Adrian <adshar@...> wrote:
How does it compare to a TS50s ?

cheers

> Just FYI, I have compared my mobile rig, September 2002 Yaesu
100d, to the 850S and even though the 850S is 10-12 years old, it
still has better receive than the 100d. I forgot which band I did
the comparison on.
>
> KB9IBT,
> Eric
>
> [Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 1095. Re: [TS-850_450_690] 850 NB mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-05 00:36:04 UTC
From: Bill
Topic: 1082  Message: 1095

Thanks for that link, Scott. I posted it in "links" under "mod and tech info"

b

Duncan Cameron <dxer10@...> wrote:
Eric-
Try this excellent site for the NB mod.
http://tk5ep.free.fr/tech/ts850/nb/ts850nb.htm
Good luck!
Scott C.

>From: "Eric" <mulder@...>
>Reply-To: TS-850_450_690@yahoogroups.com
>To: <TS-850_450_690@yahoogroups.com>
>Subject: [TS-850_450_690] 850 NB mod
>Date: Wed, 4 Jun 2003 12:03:05 -0500
>
>As an owner of an 850, I have been taking an interest in the Noise Blanker
>modification that has been discussed on the group. I may have missed some
>information earlier on the subject, so I ask now if somebody could direct
>me to the source of how to perform the NB mod. I looked on 3w.mods.dk and
>did not see it. Thanks in advance.
>
>Just FYI, I have compared my mobile rig, September 2002 Yaesu 100d, to the
>850S and even though the 850S is 10-12 years old, it still has better
>receive than the 100d. I forgot which band I did the comparison on.
>
>KB9IBT,
>Eric
>

---
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[Non-text portions of this message have been removed]

# 1096. Re: [TS-850_450_690] Processor problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-05 02:54:05 UTC
From: Bill
Topic: 1060  Message: 1096

No, I don't think so. You would be reverting back to 14.0000 Mhz each time you turned the rig off

Did you measure the voltage as I suggested?

Bill

paul spiteri <paul1372001@...> wrote:
HI all I am writing again regarding my proc problem,
Could it be that the memory battery is flat down and
couses this problem with the proc level
thanks from
9H1SP
Paul
--- Bill <coorsbill@...> wrote:
> On the IF unit, look at Z8, the proc unit. Check
> pin 3 "prs" signal, it should be 7-8 volts dc with
> the processor turned on. That is a start.
>
> Please keep this thread intact when replying, I have
> a short memory and need to remember where we have
> been.
>
> 73,
>
> bill
>
> paul1372001 <paul1372001@...> wrote:
> Hi all,
> I have a TS 850S/AT and I have a problem with the
> processor. When I
> press the PROC button , and then open the processor
> level I cannot
> hear nothing. So when I don't have the PROC button
> pressed the
> modulation will be good ( hear with the MONI) but
> when I press the
> PROC button , the modulation goes to zero, talk and
> hear nothing. Can
> someone help me about this ? please
> Thanks de
> Paul
> 9H1SP

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[Non-text portions of this message have been removed]

# 1097. 450 mic problems.or audio.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-07 20:10:23 UTC
From: ve9buf
Topic: 1097  Message: 1097

Hello there to the group. THought i would join in to try on figure out my 450sat problem.
Now i have had this rig for a number of year, and do not operate that much, but lately got back to hamming as i have built an antenna this past winter and do have so time to myself, and figured i would get back to my hobby. Now this radio has never been modified in any way at all. Bought it and use it type thing. Now had noticed this a while back but never paid no never mind to it. Problem is that if my mc-60 mic is not turned on , that is the preamp, or whatever you want to call it, it will not get on the air at all, just garble and no alc reading or anything, in other words,, no audio. Now thinking that it was the mic, i borrowed a mc-80 from a friend, and there again the same thing,,, what is the matter ??? any idea ?? I am not a tech by any means, but if easy enough to fix will try anything. Dont sound right that the mic needs the preamp to put out audio.??

thanks in advance.
de Jean-Guy/ve9buf

# 1098. RE: [TS-850_450_690] 450 mic problems.or audio.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-07 21:11:17 UTC
From: Rojas, Alberto R
Topic: 1097  Message: 1098

Hi buddy, MC-60A and MC-80 are preamp. mics, The take +8Volts from transceiver in PIN 5 . Gnd is pin 8

Check PIN 5 of Mic connector with a voltmeter, It should read 8Volts.

It the manual you can see PIN ID, or you can find it in counterclockwise way.

If 8 Volts is not present, probably 8 Volts regulator is down

Regards

Alberto R. Rojas A. YV-3-EDO/6

Senior Field Engineer

Eastern Venezuela

+58-283-2351175 Fax : 2356811

Cell: +58-416-6831155

VPN : 105 - EXT 123

-----Original Message-----
From: ve9buf [mailto:jglandry50@...]
Sent: Saturday, June 07, 2003 4:10 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] 450 mic problems.or audio.

Hello there to the group. THought i would join in to try on figure out my 450sat problem.
Now i have had this rig for a number of year, and do not operate that much, but lately got back to hamming as i have built an antenna this past winter and do have so time to myself, and figured i would get back to my hobby. Now this radio has never been modified in any way at all. Bought it and use it type thing. Now had noticed this a while back but never paid no never mind to it. Problem is that if my mc-60 mic is not turned on , that is the preamp, or whatever you want to call it, it will not get on the air at all, just garble and no alc reading or anything, in other words,, no audio. Now thinking that it was the mic, i borrowed a mc-80 from a friend, and there again the same thing,,, what is the matter ??? any idea ?? I am not a tech by any means, but if easy enough to fix will try anything. Dont sound right that the mic needs the preamp to put out audio.??

thanks in advance.
de Jean-Guy/ve9buf

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# 1099. Re: 450 mic problems.or audio.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-07 22:14:55 UTC
From: ve9buf
Topic: 1097  Message: 1099

Hello there, thanks for reply, did check the pin 5 voltage and came up with 7.57 volts only, wonder if that small amount would make the difference, to work or not work. Not as long as i can remember the mic never did work without the pre amp being on. Strange as it seems. again thanks, will see what others come up with .
73 de Jean-Guy/ve9buf

--- In TS-850_450_690@yahoogroups.com, "Rojas, Alberto R" <Alberto.Rojas@b...> wrote:
> Hi buddy, MC-60A and MC-80 are preamp. mics, The take +8Volts from transceiver in PIN 5 . Gnd is pin 8
>
>
>
> Check PIN 5 of Mic connector with a voltmeter, It should read 8Volts.
>
>
>
> It the manual you can see PIN ID, or you can find it in counterclockwise way.
>
>
>
> If 8 Volts is not present, probably 8 Volts regulator is down
>
>
>
> Regards
>
>
>
>
>
>
>
> Alberto R. Rojas A. YV-3-EDO/6
>
> Senior Field Engineer
>
> Eastern Venezuela
>
> +58-283-2351175 Fax : 2356811
>
> Cell: +58-416-6831155

>
> VPN : 105 - EXT 123
>
> -----Original Message-----
> From: ve9buf [mailto:jglandry50@r...]
> Sent: Saturday, June 07, 2003 4:10 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] 450 mic problems.or audio.
>
>
>
> Hello there to the group. THought i would join in to try on figure
> out my 450sat problem.
> Now i have had this rig for a number of year, and do not operate
> that much, but lately got back to hamming as i have built an
antenna
> this past winter and do have so time to myself, and figured i
would
> get back to my hobby. Now this radio has never been modified in
any
> way at all. Bought it and use it type thing. Now had noticed this
a
> while back but never paid no never mind to it. Problem is that if
my
> mc-60 mic is not turned on , that is the preamp, or whatever you
> want to call it, it will not get on the air at all, just garble
and
> no alc reading or anything, in other words,, no audio. Now
thinking
> that it was the mic, i borrowed a mc-80 from a friend, and there
> again the same thing,,, what is the matter ??? any idea ?? I am
not
> a tech by any means, but if easy enough to fix will try anything.
> Dont sound right that the mic needs the preamp to put out audio.??
>
> thanks in advance.
> de Jean-Guy/ve9buf
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<http://rd.yahoo.com/M=249982.3179269.4495679.1261774/D=egroupweb/S=1
705063108:HM/A=1524963/R=0/SIG=12ongbbsq/*http:/hits.411web.com/cgi-

bin/autoredir?camp=556&lineid=3179269¢ç=egroupweb&pos=HM>
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# 1100. Re: [TS-850_450_690] 450 mic problems.or audio.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-07 20:55:51 UTC
From: Sarge
Topic: 1097  Message: 1100

Is the mic gain on the radio on at all?

Hello there to the group. THought i would join in to try on figure out my 450sat problem.
Now i have had this rig for a number of year, and do not operate that much, but lately got back to hamming as i have built an antenna this past winter and do have so time to myself, and figured i would get back to my hobby. Now this radio has never been modified in any way at all. Bought it and use it type thing. Now had noticed this a while back but never paid no never mind to it. Problem is that if my mc-60 mic is not turned on , that is the preamp, or whatever you want to call it, it will not get on the air at all, just garble and no alc reading or anything, in other words,, no audio. Now thinking that it was the mic, i borrowed a mc-80 from a friend, and there again the same thing,,, what is the matter ??? any idea ?? I am not a tech by any means, but if easy enough to fix will try anything. Dont sound right that the mic needs the preamp to put out audio.??

thanks in advance.
de Jean-Guy/ve9buf

[Non-text portions of this message have been removed]

# 1101. Re: [TS-850_450_690] 450 mic problems.or audio.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-07 22:48:25 UTC
From: Jean-Guy
Topic: 1097  Message: 1101

yes, mic gain is in at about 10 to 11 oclock, and still nothing , and if i bring it up more, all that will happen is just garble and not acl or meter reading of any sort. rather strange, trying to figure this out,, it should actually be the other around hi.
thanks for reply Sarge
73

----- Original Message -----
From: Sarge
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, June 07, 2003 5:55 PM
Subject: Re: [TS-850_450_690] 450 mic problems.or audio.

Is the mic gain on the radio on at all?

Hello there to the group. THought i would join in to try on figure out my 450sat problem.
Now i have had this rig for a number of year, and do not operate that much, but lately got back to hamming as i have built an antenna this past winter and do have so time to myself, and figured i would get back to my hobby. Now this radio has never been modified in any way at all. Bought it and use it type thing. Now had noticed this a while back but never paid no never mind to it. Problem is that if my mc-60 mic is not turned on , that is the preamp, or whatever you want to call it, it will not get on the air at all, just garble and no alc reading or anything, in other words,, no audio. Now thinking that it was the mic, i borrowed a mc-80 from a friend, and there again the same thing,,, what is the matter ??? any idea ?? I am not a tech by any means, but if easy enough to fix will try anything. Dont sound right that the mic needs the preamp to put out audio.??

thanks in advance.
de Jean-Guy/ve9buf

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 1102. Re: 450 mic problems.or audio.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-08 03:58:06 UTC
From: Max
Topic: 1097  Message: 1102

You may be experiencing RF feedback. You have not really explained what you mean by "garble". If you have access to a dummy load try the same test into it. It will eliminate the RF feedback, if in fact that is what you mean by garble. I ran a 450 with the MC50 non-amplified mic and had no problems whatsoever. Try duplicating your tests into a dummy load and let us know what happens.

Max

# 1103. Re: [TS-850_450_690] Re: 450 mic problems.or audio.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-08 09:09:50 UTC
From: Jean-Guy
Topic: 1097  Message: 1103

ok , will do just that today Max, found my heathkit dummy load, and will set things up today and do more testing. But strange that i would pick up RF in the non amplified mode of the mic, usually would be the other way around. But will try, thing today are not all logic hi.
Hope it works.
Thanks again.

----- Original Message -----
From: Max
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, June 08, 2003 12:58 AM
Subject: [TS-850_450_690] Re: 450 mic problems.or audio.

You may be experiencing RF feedback. You have not really explained what you mean by "garble". If you have access to a dummy load try the same test into it. It will eliminate the RF feedback, if in fact that is what you mean by garble. I ran a 450 with the MC50 non-amplified mic and had no problems whatsoever. Try duplicating your tests into a dummy load and let us know what happens.

Max

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[Non-text portions of this message have been removed]

# 1104. Re: [TS-850_450_690] Re: 450 mic problems.or audio.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-08 09:12:13 UTC
From: Jean-Guy
Topic: 1097  Message: 1104

Me again sorry,,, well, garble and broken up audio so i am told, But will do extensive testing in next few days , not that i have the dummy load.
Again many thanks.

----- Original Message -----
From: Max
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, June 08, 2003 12:58 AM
Subject: [TS-850_450_690] Re: 450 mic problems.or audio.

You may be experiencing RF feedback. You have not really explained what you mean by "garble". If you have access to a dummy load try the same test into it. It will eliminate the RF feedback, if in fact that is what you mean by garble. I ran a 450 with the MC50 non-amplified mic and had no problems whatsoever. Try duplicating your tests into a dummy load and let us know what happens.

Max

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# 1105. Re: [TS-850_450_690] Re: 450 mic problems.or audio.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-08 14:58:38 UTC
From: Jean-Guy
Topic: 1097  Message: 1105

Hello again Max. well, did a bit of on the air testing with a friend, in order to find out what is going on. Now with the pre amp in,, well, i get out like a normal radio and good clean audio. If i do turn the pre amp off, then i have to raise the mic gain to ALC level, and all that is happening then, is simply not audio, or just a puut puut type pulsing . Rather strange indeed. It should actually be the opposite,, for if i was to be bother with RF feedback, you would think that the pre amp would really amplify the audio or really get in there.
Now this is with either the mc-60 or the mc-80 mics, they work the same way.
Also reading up about the 850 and a TNC connected to the ACC port do give distorted audio, so wonder that maybe this is applicable to the 450 also, BUt will try to unhook the tnc and find later on. Will advise.
cul.
73

----- Original Message -----
From: Max
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, June 08, 2003 12:58 AM
Subject: [TS-850_450_690] Re: 450 mic problems.or audio.

You may be experiencing RF feedback. You have not really explained what you mean by "garble". If you have access to a dummy load try the same test into it. It will eliminate the RF feedback, if in fact that is what you mean by garble. I ran a 450 with the MC50 non-amplified mic and had no problems whatsoever. Try duplicating your tests into a dummy load and let us know what happens.

Max

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[Non-text portions of this message have been removed]

# 1106. Re: [TS-850_450_690] 450 mic problems.or audio.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-09 15:02:28 UTC
From: Bill
Topic: 1097  Message: 1106

Pardon me if this has been asked already, but does the stock hand microphone work OK?

bill
Jean-Guy <jglandry50@...> wrote:
yes, mic gain is in at about 10 to 11 oclock, and still nothing , and if i bring it up more, all that will happen is just garble and not acl or meter reading of any sort. rather strange, trying to figure this out,, it should actually be the other around hi.
thanks for reply Sarge
73

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[Non-text portions of this message have been removed]

# 1107. DC-DC Board resistors suggestions

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-09 15:11:14 UTC
From: Duncan Cameron
Topic: 1107  Message: 1107

I know, after reviewing the archives, that the recommended change on the DC-DC board is to reduce the values of R2 and R3 (both 22K SMD's) to anywhere from 13k to 18K ohms. The Kenwood part numbers for these resistors tells me that they are "thick film" (RK73) resistors. But I want the package size to match. I can't find any listings for the part number shown by Kenwood-RK73FB2A223J in any of my parts suppliers. I can find a RK73H, and the "2A" I believe would correspond to, for example a KOA size of 0805. (I suppose I could try and get a part from Kenwood parts that most closely matches what I want-like-RK73FB2A(and something close to 183)J, but I would prefer to get a part that is easily found. Any suggestions?
Scott C.

# 1108. Re: [TS-850_450_690] 450 mic problems.or audio.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-09 15:21:35 UTC
From: Jean-Guy
Topic: 1097  Message: 1108

Thanks Bill, problem is that i dont have the hand mic, but will find one this week as a friend of mine has one, so will borrow just to try it.
Also another thing to try at this end , is to unplug the tnc which is connected to the acc 2 on the hf rig, did read up that there is some problems with certain tnc's and 850, so maybe same thing could also apply to 450, but will let the group know as soon as i do these test.
Many thanks to all.
Have a great week 73
de Jean-Guy/ve9buf

---

----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Monday, June 09, 2003 12:02 PM
Subject: Re: [TS-850_450_690] 450 mic problems.or audio.

Pardon me if this has been asked already, but does the stock hand microphone work OK?

bill
Jean-Guy <jglandry50@...> wrote:
yes, mic gain is in at about 10 to 11 oclock, and still nothing , and if i bring it up more, all that will happen is just garble and not acl or meter reading of any sort. rather strange, trying to figure this out,, it should actually be the other around hi.
thanks for reply Sarge
73

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# 1109. Re: [TS-850_450_690] DC-DC Board resistors suggestions

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-09 15:24:03 UTC
From: Bill
Topic: 1107  Message: 1109

The new 1/4W metal film resistors are about the size of the old 1/8W jobs... and you can find 1/8W resistors and just neatly bend the leads to fit, nice "L" shape, cut them short, pre-tin everything and solder them in carefully.

I was looking through my junque rigs for a "223" SMD resistor... very rare on the 2M radios! Everything seems to be 104, 105, 471, etc...

bill

Duncan Cameron <dxer10@...> wrote:
I know, after reviewing the archives, that the recommended change on
the DC-DC board is to reduce the values of R2 and R3 (both 22K SMD's)
to anywhere from 13k to 18K ohms. The Kenwood part numbers for these
resistors tells me that they are "thick film" (RK73) resistors. But I
want the package size to match. I can't find any listings for the
part number shown by Kenwood-RK73FB2A223J in any of my parts
suppliers. I can find a RK73H, and the "2A" I believe would
correspond to, for example a KOA size of 0805. (I suppose I could try
and get a part from Kenwood parts that most closely matches what I
want-like-RK73FB2A(and something close to 183)J, but I would prefer
to get a part that is easily found. Any suggestions?
Scott C.

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# 1110. Re: [TS-850_450_690] 450 mic problems.or audio.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-09 15:25:16 UTC
From: Bill
Topic: 1097  Message: 1110

Yes, I think you are getting RFI on the aux audio port in back.
Best of luck! Using digital modes will test your RFI troubleshooting ability, and patience also!

bill

Jean-Guy <jglandry50@...> wrote:
Thanks Bill, problem is that i dont have the hand mic, but will find one this week as a friend of mine has one, so will borrow just to try it.
Also another thing to try at this end , is to unplug the tnc which is connected to the acc 2 on the hf rig, did read up that there is some problems with certain tnc's and 850, so maybe same thing could also apply to 450, but will let the group know as soon as i do these test.
Many thanks to all.
Have a great week 73
de Jean-Guy/ve9buf

---

----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Monday, June 09, 2003 12:02 PM
Subject: Re: [TS-850_450_690] 450 mic problems.or audio.

Pardon me if this has been asked already, but does the stock hand microphone work OK?

bill
Jean-Guy <jglandry50@...> wrote:
yes, mic gain is in at about 10 to 11 oclock, and still nothing , and if i bring it up more, all that will happen is just garble and not acl or meter reading of any sort. rather strange, trying to figure this out,, it should actually be the other around hi.
thanks for reply Sarge
73

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# 1111. Re: [TS-850_450_690] DC-DC Board resistors suggestions

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-09 17:11:33 UTC
From: Duncan Cameron
Topic: 1107  Message: 1111

Bill-
On the off chance that Kenwood actually had a part that would fit on the DC-DC board, I checked East Coast Transistor and they list an RK73FB2A183J (18K ohm chip resistor) This should be a direct replacement for the 22K ohm resistor on the board. They are 20cents apiece. Of course the shipping will be the major cost.
I may try your suggestion, unless I get a wild desire to drive to New York this weekend from Maine to save on the shipping.
Scott

>From: Bill <coorsbill@...>
>Reply-To: TS-850_450_690@yahoogroups.com
>To: TS-850_450_690@yahoogroups.com
>Subject: Re: [TS-850_450_690] DC-DC Board resistors suggestions
>Date: Mon, 9 Jun 2003 08:24:03 -0700 (PDT)
>
>The new 1/4W metal film resistors are about the size of the old 1/8W
>jobs... and you can find 1/8W resistors and just neatly bend the leads to
>fit, nice "L" shape, cut them short, pre-tin everything and solder them in
>carefully.
>
>I was looking through my junque rigs for a "223" SMD resistor... very rare
>on the 2M radios! Everything seems to be 104, 105, 471, etc...
>
>bill
>
>Duncan Cameron <dxer10@...> wrote:
>I know, after reviewing the archives, that the recommended change on
>the DC-DC board is to reduce the values of R2 and R3 (both 22K SMD's)
>to anywhere from 13k to 18K ohms. The Kenwood part numbers for these
>resistors tells me that they are "thick film" (RK73) resistors. But I
>want the package size to match. I can't find any listings for the
>part number shown by Kenwood-RK73FB2A223J in any of my parts
>suppliers. I can find a RK73H, and the "2A" I believe would
>correspond to, for example a KOA size of 0805. (I suppose I could try
>and get a part from Kenwood parts that most closely matches what I
>want-like-RK73FB2A(and something close to 183)J, but I would prefer
>to get a part that is easily found. Any suggestions?
>Scott C.
>
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# 1112. Re: DC-DC Board resistors suggestions

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-09 17:56:41 UTC
From: Max
Topic: 1107  Message: 1112

FWIW,

I used 17.4K precision wirewound resistors. About the size of a 1/4 watt. Very touchy going in, but the mod worked great. Maximum output power is now back to normal.

Max

# 1113. Re: DC-DC Board resistors suggestions

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-09 19:36:41 UTC
From: Adrian
Topic: 1107  Message: 1113

I found mine in a car stereo junker lol.

--- In TS-850_450_690@yahoogroups.com, "Duncan Cameron" <dxer10@h...>
wrote:
> I know, after reviewing the archives, that the recommended change
on
> the DC-DC board is to reduce the values of R2 and R3 (both 22K
SMD's)
> to anywhere from 13k to 18K ohms. The Kenwood part numbers for
these
> resistors tells me that they are "thick film" (RK73) resistors. But
I
> want the package size to match. I can't find any listings for the
> part number shown by Kenwood-RK73FB2A223J in any of my parts
> suppliers. I can find a RK73H, and the "2A" I believe would
> correspond to, for example a KOA size of 0805. (I suppose I could
try
> and get a part from Kenwood parts that most closely matches what I
> want-like-RK73FB2A(and something close to 183)J, but I would prefer
> to get a part that is easily found. Any suggestions?
> Scott C.

# 1114. Re: [TS-850_450_690] DC-DC Board resistors suggestions

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-09 20:59:26 UTC
From: Bill
Topic: 1107  Message: 1114

Hey thanks for the numbers!

When I send in my next order I will get a bunch of these and save everyone a TON of money.

Ah the benefits of belonging to the group!

bill

Duncan Cameron <dxer10@...> wrote:
Bill-
On the off chance that Kenwood actually had a part that would fit on the
DC-DC board, I checked East Coast Transistor and they list an RK73FB2A183J
(18K ohm chip resistor) This should be a direct replacement for the 22K ohm
resistor on the board. They are 20cents apiece. Of course the shipping will
be the major cost.
I may try your suggestion, unless I get a wild desire to drive to New York
this weekend from Maine to save on the shipping.
Scott

>From: Bill <coorsbill@...>
>Reply-To: TS-850_450_690@yahoogroups.com
>To: TS-850_450_690@yahoogroups.com
>Subject: Re: [TS-850_450_690] DC-DC Board resistors suggestions
>Date: Mon, 9 Jun 2003 08:24:03 -0700 (PDT)
>
>The new 1/4W metal film resistors are about the size of the old 1/8W
>jobs... and you can find 1/8W resistors and just neatly bend the leads to
>fit, nice "L" shape, cut them short, pre-tin everything and solder them in
>carefully.
>
>I was looking through my junque rigs for a "223" SMD resistor... very rare
>on the 2M radios! Everything seems to be 104, 105, 471, etc...
>
>bill
>
>Duncan Cameron <dxer10@...> wrote:
>I know, after reviewing the archives, that the recommended change on
>the DC-DC board is to reduce the values of R2 and R3 (both 22K SMD's)
>to anywhere from 13k to 18K ohms. The Kenwood part numbers for these
>resistors tells me that they are "thick film" (RK73) resistors. But I
>want the package size to match. I can't find any listings for the
>part number shown by Kenwood-RK73FB2A223J in any of my parts
>suppliers. I can find a RK73H, and the "2A" I believe would
>correspond to, for example a KOA size of 0805. (I suppose I could try
>and get a part from Kenwood parts that most closely matches what I
>want-like-RK73FB2A(and something close to 183)J, but I would prefer

>to get a part that is easily found. Any suggestions?
>Scott C.
>
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# 1115. Re: [TS-850_450_690] Re: DC-DC Board resistors suggestions

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-09 21:09:05 UTC
From: Bill
Topic: 1107  Message: 1115

See? Don't throw away those VCRs boys!!!! Parts bonanazaaananaaazzz bonanan.. .you know what i mean.

bill

Adrian <adshar@...> wrote:
I found mine in a car stereo junker lol.

--- In TS-850_450_690@yahoogroups.com, "Duncan Cameron" <dxer10@h...> wrote:
> I know, after reviewing the archives, that the recommended change on
> the DC-DC board is to reduce the values of R2 and R3 (both 22K SMD's)
> to anywhere from 13k to 18K ohms. The Kenwood part numbers for these
> resistors tells me that they are "thick film" (RK73) resistors. But I
> want the package size to match. I can't find any listings for the
> part number shown by Kenwood-RK73FB2A223J in any of my parts
> suppliers. I can find a RK73H, and the "2A" I believe would
> correspond to, for example a KOA size of 0805. (I suppose I could try
> and get a part from Kenwood parts that most closely matches what I
> want-like-RK73FB2A(and something close to 183)J, but I would prefer
> to get a part that is easily found. Any suggestions?
> Scott C.

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# 1116. Re: [TS-850_450_690] 450 mic problems.or audio.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-10 15:48:16 UTC
From: Jean-Guy
Topic: 1097  Message: 1116

Hello Bill, well, just borrowed a hand mic, which came off a 570 that a friend of mine has. Stock hand mike does work ok, not a problem, but now i am back to square one.. why, why, does the mc 60 or the mc80 will not work in non amplified mode... rather strange indeed.
cul, 73

----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Monday, June 09, 2003 12:02 PM
Subject: Re: [TS-850_450_690] 450 mic problems.or audio.

Pardon me if this has been asked already, but does the stock hand microphone work OK?

bill
Jean-Guy <jglandry50@...> wrote:
yes, mic gain is in at about 10 to 11 oclock, and still nothing , and if i bring it up more, all that will happen is just garble and not acl or meter reading of any sort. rather strange, trying to figure this out,, it should actually be the other around hi.
thanks for reply Sarge
73

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# 1117. Re: [TS-850_450_690] 450 mic problems.or audio.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-10 19:35:29 UTC
From: Bill
Topic: 1097  Message: 1117

I am thinking that there is no "bypass" path for the audio when the preamp is turned off... or, they are leaving the output stage of the mic amp connected to the audio line, which would be inviting trouble. if you have a skem of the mic that willhelp, I don't know where my MC-60 skem is, only about 35 folders to look thru in my file cab!

Anyone game to scan theirs and stick it in the "files" section?

b

Jean-Guy <jglandry50@...> wrote:
Hello Bill, well, just borrowed a hand mic, which came off a 570 that a friend of mine has. Stock hand mike does work ok, not a problem, but now i am back to square one.. why, why, does the mc 60 or the mc80 will not work in non amplified mode... rather strange indeed.
cul, 73

----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Monday, June 09, 2003 12:02 PM
Subject: Re: [TS-850_450_690] 450 mic problems.or audio.

Pardon me if this has been asked already, but does the stock hand microphone work OK?

bill
Jean-Guy <jglandry50@...> wrote:
yes, mic gain is in at about 10 to 11 oclock, and still nothing , and if i bring it up more, all that will happen is just garble and not acl or meter reading of any sort. rather strange, trying to figure this out,, it should actually be the other around hi.
thanks for reply Sarge
73

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# 1118. Re: [TS-850_450_690] 450 mic problems.or audio.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-10 20:14:47 UTC
From: Paul Manuel
Topic: 1097  Message: 1118

--- Jean-Guy <jglandry50@...> wrote:
> Hello Bill, well, just borrowed a hand mic, which came off a 570 that a
> friend of mine has. Stock hand mike does work ok, not a problem, but now
> i am back to square one.. why, why, does the mc 60 or the mc80 will not
> work in non amplified mode... rather strange indeed.

Just a shot in the dark...does the MC 60 and 80 use voltage from the rig to power an electret element in non-amplified mode? And does the MC 60 and 80 run off internal batteries in amplified mode? The hand mic does not use this voltage. Perhaps the +8VDC is not present at the rig's mic connector.

My memory on the mics is a little fuzzy, so let me know if I'm off-base!
73,
Paul K4PDM

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# 1119. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-10 20:39:56 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 1119

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /MC60_sch.pdf
Uploaded by : ve3tmt <ve3tmt@...>
Description : Kenwood MC60 schematic

You can access this file at the URL

http://groups.yahoo.com/group/TS-850_450_690/files/MC60_sch.pdf

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ve3tmt <ve3tmt@...>

# 1120. Re: 450 mic problems.or audio.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-10 20:40:43 UTC
From: Max
Topic: 1097  Message: 1120

> Anyone game to scan theirs and stick it in the "files" section?

Consider it done Bill!

# 1121. Re: 450 mic problems.or audio.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-10 20:41:38 UTC
From: ve9buf
Topic: 1097  Message: 1121

Hello Paul, to answer your question, both mics do use voltage from the rig, + 8 volts pin 5, if i recall, and yes, the mics do run off the batteries in amplified mode. and yes, there is voltage on that pin like mentioned above. That voltage is always there on the rig connector, so when you plug in a mic, well,,,, and why wont it do its thing in the non amplified mode, they do get voltage to the mic, when the mic's pre amp is turned off. Of course the hand mic does not use pre amps, so guess if voltage is there or not, it dont bother it,, but why the other 2, ??
confusing for sure.
thank Paul, still hoping to come up with something.
I had mentioned before that maybe it was because of the tnc being connected to the hf rig,, well ,the hand mic works anyway with tnc still connected, so not gettting RFI from hand mic, that is if i get RFI, dont bother nothing else .

de Jean-Guy/ve9buf

--- In TS-850_450_690@yahoogroups.com, Paul Manuel <k4pdm@y...> wrote:
>
> --- Jean-Guy <jglandry50@r...> wrote:
> > Hello Bill, well, just borrowed a hand mic, which came off a 570 that a
> > friend of mine has. Stock hand mike does work ok, not a problem, but now
> > i am back to square one.. why, why, does the mc 60 or the mc80 will not
> > work in non amplified mode... rather strange indeed.
>
> Just a shot in the dark...does the MC 60 and 80 use voltage from the rig
> to power an electret element in non-amplified mode? And does the MC 60 and
> 80 run off internal batteries in amplified mode? The hand mic does not use
> this voltage. Perhaps the +8VDC is not present at the rig's mic connector.
>
> My memory on the mics is a little fuzzy, so let me know if I'm off-base!
> 73,
> Paul K4PDM
>
> _____

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# 1122. Re: 450 mic problems.or audio.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-10 20:43:37 UTC
From: ve9buf
Topic: 1097  Message: 1122

Hello Bill, read my other post also,, hope you come up with
something on the schem of the mics, as i am not much of a tech, so
to me it dont register hi. but i can follow instructions very well.

thanks again.
de Jean-Guy/ve9buf

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> I am thinking that there is no "bypass" path for the audio when
the preamp is turned off... or, they are leaving the output stage of
the mic amp connected to the audio line, which would be inviting
trouble. if you have a skem of the mic that willhelp, I don't know
where my MC-60 skem is, only about 35 folders to look thru in my
file cab!
>
> Anyone game to scan theirs and stick it in the "files" section?
>
> b
>
> Jean-Guy <jglandry50@r...> wrote:
> Hello Bill, well, just borrowed a hand mic, which came off a 570
that a friend of mine has. Stock hand mike does work ok, not a
problem, but now i am back to square one.. why, why, does the mc 60
or the mc80 will not work in non amplified mode... rather strange
indeed.
> cul, 73
>
> ----- Original Message -----
> From: Bill
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, June 09, 2003 12:02 PM
> Subject: Re: [TS-850_450_690] 450 mic problems.or audio.
>
>
>
> Pardon me if this has been asked already, but does the stock
hand microphone work OK?
>
> bill
> Jean-Guy <jglandry50@r...> wrote:
> yes, mic gain is in at about 10 to 11 oclock, and still
nothing , and if i bring it up more, all that will happen is just
garble and not acl or meter reading of any sort. rather strange,
trying to figure this out,, it should actually be the other around
hi.

> thanks for reply Sarge
> 73
>
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# 1123. Re: [TS-850_450_690] New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-10 20:45:03 UTC
From: Jean-Guy
Topic: 421  Message: 1123

VE3TMT, thanks for uploading file..
de Jean-Guy/ve9buf

----- Original Message -----
From: TS-850_450_690@yahoogroups.com
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, June 10, 2003 5:39 PM
Subject: [TS-850_450_690] New file uploaded to TS-850_450_690

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /MC60_sch.pdf
Uploaded by : ve3tmt <ve3tmt@...>
Description : Kenwood MC60 schematic

You can access this file at the URL

http://groups.yahoo.com/group/TS-850_450_690/files/MC60_sch.pdf

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ve3tmt <ve3tmt@...>

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# 1124. Re: [TS-850_450_690] New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-10 22:32:03 UTC
From: Bill
Topic: 421  Message: 1124

Thanks Max! What a trooper...

bill

TS-850_450_690@yahoogroups.com wrote:

...
File : /MC60_sch.pdf
Uploaded by : ve3tmt <ve3tmt@...>
Description : Kenwood MC60 schematic

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# 1125. IF output from the TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-17 02:35:15 UTC
From: steve4iam
Topic: 1125  Message: 1125

I have a TS-850 which works just fine. The back has a phono plug for connection to the Kenwood scope monitor. I attached a male phono plug and connected it thru a probe to a good working 100MHz oscilloscope but there was no viewable output. I tried all the amplification ranges on the scope but still nothing. Am I failing to do something?? How can I get an output to view on the scope?? Thanks for any advice. Steve AB9CZ

[Non-text portions of this message have been removed]

# 1126. Re: [TS-850_450_690] IF output from the TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-17 13:18:57 UTC
From: Bill
Topic: 1125  Message: 1126

Steve, I just happen to have a 850 on the bench! hehe

I will look into this tonight.

bill K0ZL

steve4iam <steve4iam@...> wrote:
I have a TS-850 which works just fine. The back has a phono plug for connection to the Kenwood scope monitor. I attached a male phono plug and connected it thru a probe to a good working 100MHz oscilloscope but there was no viewable output. I tried all the amplification ranges on the scope but still nothing. Am I failing to do something?? How can I get an output to view on the scope?? Thanks for any advice. Steve AB9CZ

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[Non-text portions of this message have been removed]

# 1127. Re: IF output from the TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-17 15:22:26 UTC
From: rsakabu
Topic: 1125  Message: 1127

--- In TS-850_450_690@yahoogroups.com, "steve4iam" <steve4iam@a...> wrote:
> I have a TS-850 which works just fine. The back has a phono plug
for connection to the Kenwood scope monitor. I attached a male phono
plug and connected it thru a probe to a good working 100MHz
oscilloscope but there was no viewable output. I tried all the
amplification ranges on the scope but still nothing. Am I failing to
do something?? How can I get an output to view on the scope??
Thanks for any advice. Steve AB9CZ
>
> [Non-text portions of this message have been removed]

That output is a low level IF signal centered around 8.83 MHz. It is
for the SM-220 sation monitor with the BS-8 pan adapter. If you had
an SM-220/BS-8 or a spectrum analyzer and centered it at 8.83 MHz, you
would see a the received signals within about 200 kHz around your
tuned frequency. If your radio is not receiving any signals (no
antenna attached, or really dead band), you'll see nothing coming out
of the IF output. If you are tuned to a very strong signal, you'll
see an 8.83 MHz sine wave with perhaps more components mixed in if
there are other signals near your tuned frequency.

Other than that, a simple oscilloscope will not be of much use as a
spectrum monitor.

73
Roy
AD6ZU

# 1128. TNC help needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-17 16:13:30 UTC
From: ac7nj@donobi.net
Topic: 1128  Message: 1128

There is a service bulletin ASB-1000
My problem is I don't understand all the technical implications of this modification?
Yes, I want to use a PK-232 for RTTY and PACTOR
BUT, I don't want to change the radio such that is will be a big task to use CW or VOICE also (or loose the ability all together)
Why can't I just reduce the audio out put of the TNC with series / parallel resistors in the cord to reduce the level to what is acceptable to the radio?
How did the audio become distorted on SSB Voice just with the cable connected to the ACC port and TNC?

Randy
AC7NJ

# 1129. Re: [TS-850_450_690] TNC help needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-17 21:17:21 UTC
From: Bill
Topic: 1128  Message: 1129

The problem is RF pickup on the cable.

When getting on HF digital, it's always a challenge to get the RF in the shack under control.

bill K0ZL

ac7nj@... wrote:
There is a service bulletin ASB-1000
My problem is I don't understand all the technical implications of
this modification?
Yes, I want to use a PK-232 for RTTY and PACTOR
BUT, I don't want to change the radio such that is will be a big
task to use CW or VOICE also (or loose the ability all together)
Why can't I just reduce the audio out put of the TNC with series /
parallel resistors in the cord to reduce the level to what is
acceptable to the radio?
How did the audio become distorted on SSB Voice just with the cable
connected to the ACC port and TNC?

Randy
AC7NJ

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---
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[Non-text portions of this message have been removed]

# 1130. Re: IF output from the TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-17 23:23:03 UTC
From: Max
Topic: 1125  Message: 1130

--- In TS-850_450_690@yahoogroups.com, "rsakabu" <rsakabu@p...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "steve4iam" <steve4iam@a...>
wrote:
> > I have a TS-850 which works just fine. The back has a phono plug
> for connection to the Kenwood scope monitor. I attached a male
phono
> plug and connected it thru a probe to a good working 100MHz
> oscilloscope but there was no viewable output. I tried all the
> amplification ranges on the scope but still nothing. Am I failing
to
> do something?? How can I get an output to view on the scope??
> Thanks for any advice. Steve AB9CZ
> >
> > [Non-text portions of this message have been removed]
>
> That output is a low level IF signal centered around 8.83 MHz. It
is
> for the SM-220 sation monitor with the BS-8 pan adapter. If you had
> an SM-220/BS-8 or a spectrum analyzer and centered it at 8.83 MHz,
you
> would see a the received signals within about 200 kHz around your
> tuned frequency. If your radio is not receiving any signals (no
> antenna attached, or really dead band), you'll see nothing coming
out
> of the IF output. If you are tuned to a very strong signal, you'll
> see an 8.83 MHz sine wave with perhaps more components mixed in if
> there are other signals near your tuned frequency.
>
> Other than that, a simple oscilloscope will not be of much use as a
> spectrum monitor.

Other than that, make sure that the IF output jack has not been
switched to use a transverter output as outlined on page 49 of the
operators manual. If this has been done (by a simple cable swap) you
will see no output from this jack under receive conditions.

Max

# 1131. Re: TNC help needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-17 23:27:28 UTC
From: Max
Topic: 1128  Message: 1131

> ac7nj@d... wrote:
> There is a service bulletin ASB-1000
> My problem is I don't understand all the technical implications of
> this modification?
> Yes, I want to use a PK-232 for RTTY and PACTOR
> BUT, I don't want to change the radio such that is will be a big
> task to use CW or VOICE also (or loose the ability all together)
> Why can't I just reduce the audio out put of the TNC with series /
> parallel resistors in the cord to reduce the level to what is
> acceptable to the radio?
> How did the audio become distorted on SSB Voice just with the cable
> connected to the ACC port and TNC?
>
> Randy

Randy,

I run all the digital modes with my 850 using a program called MixW.
It will not do Pactor transmit though. I feed the audio lines
directly into the 13 pin DIN plug on the rear from my sound card. I
have the station grounded to the basement framing here in the shack,
and experience no feedback of any sort. No modification has been
done to the radio regarding digital modes, although I have done just
about every other mod!!
Max

# 1132. Re: TNC Help needed (AC7NJ)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-18 15:09:46 UTC
From: bud thompson
Topic: 1132  Message: 1132

Deltona, FL
Wednesday June 18 1110EDT

Randy:

Be sure you are using separate power supplies for the TS-850 and the TNCs, shield all cables, etc, etc. Most TNCs and the TS-850 have all those lines by-passed for RF, but it may not be enough. If you want to get real serious, you could add one of these rig interfaces which has filtering/chokes on all the leads.

One sure way around the problem is to use the TS-850 in FSK mode rather than AFSK - The PK-232 will work in FSK (RTTY) mode and you'll be fsking the TS-850 rather than sending audio tones to the modulator in SSB mode. You will also be able to benefit from the 500Hz CW filter if you have one. That might not solve the problem of RF pick up in voice SSB while the TNC-to-Radio cable is attached, but you won't have an TX audio problems during digital operations. And you won't have to modify your radio.

I have used a KAM and SCS PTC-II with the TS-850 in LSB and USB AFSK w/o any problems- I've had a bunch of PK-232s in the past and can't imagine I didn't use one on the 850.. but might have been using FSK - I've done that with KAMs also.

If you must use AFSK - set the PWR control full clockwise, and put the mic gain control where you use it on SSB with a microphone. (Mine is about 2-3). Then in with your terminal program in RTTY or AMTOR FEC mode, adjust the TXA output from the PK232 until the ALC on the RADIO just barely indicates a single LED. If you have 50w or more - that is where you should leave things. If you have more than 50w - leave the TXA level where it is and reduce the power with the mic gain control to less than 75w when running digital.

If you have severe ALC action with less than 30w output, you may have a problem with the DC/DC converter we've all experienced... but you should notice that on voice as well.

G.L.
bud N0IA

Message: 3
Date: Tue, 17 Jun 2003 16:13:30 -0000
From: <ac7nj@...>
Subject: TNC help needed

There is a service bulletin ASB-1000
My problem is I don't understand all the technical implications of this modification?

Yes, I want to use a PK-232 for RTTY and PACTOR
BUT, I don't want to change the radio such that is will be a big
task to use CW or VOICE also (or loose the ability all together)
Why can't I just reduce the audio out put of the TNC with series /
parallel resistors in the cord to reduce the level to what is
acceptable to the radio?
How did the audio become distorted on SSB Voice just with the cable
connected to the ACC port and TNC?

Randy
AC7NJ

---
---

Message: 4
Date: Tue, 17 Jun 2003 14:17:21 -0700 (PDT)
From: Bill <coorsbill@...>
Subject: Re: TNC help needed

The problem is RF pickup on the cable.

When getting on HF digital, it's always a challenge to get the RF in the
shack under control.

bill K0ZL

---
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There is a solution!"

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The most powerful anti-spam software available.
http://www.giantcompany.com

----- Original Message -----
From: <TS-850_450_690@yahoogroups.com>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, June 18, 2003 08:00
Subject: [TS-850_450_690] Digest Number 296

>
> THANKS FOR USING TS-850_450_690@...
> ---
>
> There are 6 messages in this issue.
>
> Topics in this digest:
>
> 1. Re: IF output from the TS-850
> From: Bill <coorsbill@...>
> 2. Re: IF output from the TS-850
> From: "rsakabu" <rsakabu@...>

> 3. TNC help needed
> From: <ac7nj@...>
> 4. Re: TNC help needed
> From: Bill <coorsbill@...>
> 5. Re: IF output from the TS-850
> From: "Max" <ve3tmt@...>
> 6. Re: TNC help needed
> From: "Max" <ve3tmt@...>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 1
> Date: Tue, 17 Jun 2003 06:18:57 -0700 (PDT)
> From: Bill <coorsbill@...>
> Subject: Re: IF output from the TS-850
>
> Steve, I just happen to have a 850 on the bench! hehe
>
> I will look into this tonight.
>
> bill K0ZL
>
> steve4iam <steve4iam@...> wrote:
> I have a TS-850 which works just fine. The back has a phono plug for
connection to the Kenwood scope monitor. I attached a male phono plug and
connected it thru a probe to a good working 100MHz oscilloscope but there
was no viewable output. I tried all the amplification ranges on the scope
but still nothing. Am I failing to do something?? How can I get an output
to view on the scope?? Thanks for any advice. Steve AB9CZ
>
> [Non-text portions of this message have been removed]
>
>
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>
>
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>
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> [Non-text portions of this message have been removed]
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 2
> Date: Tue, 17 Jun 2003 15:22:26 -0000
> From: "rsakabu" <rsakabu@...>
> Subject: Re: IF output from the TS-850
>
> --- In TS-850_450_690@yahoogroups.com, "steve4iam" <steve4iam@a...> wrote:
> > I have a TS-850 which works just fine. The back has a phono plug
> for connection to the Kenwood scope monitor. I attached a male phono
> plug and connected it thru a probe to a good working 100MHz
> oscilloscope but there was no viewable output. I tried all the
> amplification ranges on the scope but still nothing. Am I failing to
> do something?? How can I get an output to view on the scope??
> Thanks for any advice. Steve AB9CZ
> >
> > [Non-text portions of this message have been removed]
>
> That output is a low level IF signal centered around 8.83 MHz. It is
> for the SM-220 sation monitor with the BS-8 pan adapter. If you had
> an SM-220/BS-8 or a spectrum analyzer and centered it at 8.83 MHz, you
> would see a the received signals within about 200 kHz around your
> tuned frequency. If your radio is not receiving any signals (no
> antenna attached, or really dead band), you'll see nothing coming out
> of the IF output. If you are tuned to a very strong signal, you'll
> see an 8.83 MHz sine wave with perhaps more components mixed in if
> there are other signals near your tuned frequency.
>
> Other than that, a simple oscilloscope will not be of much use as a
> spectrum monitor.
>
> 73
> Roy
> AD6ZU
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 3
> Date: Tue, 17 Jun 2003 16:13:30 -0000
> From: <ac7nj@...>
> Subject: TNC help needed
>

> There is a service bulletin ASB-1000
> My problem is I don't understand all the technical implications of
> this modification?
> Yes, I want to use a PK-232 for RTTY and PACTOR
> BUT, I don't want to change the radio such that is will be a big
> task to use CW or VOICE also (or loose the ability all together)
> Why can't I just reduce the audio out put of the TNC with series /
> parallel resistors in the cord to reduce the level to what is
> acceptable to the radio?
> How did the audio become distorted on SSB Voice just with the cable
> connected to the ACC port and TNC?
>
> Randy
> AC7NJ
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 4
> Date: Tue, 17 Jun 2003 14:17:21 -0700 (PDT)
> From: Bill <coorsbill@...>
> Subject: Re: TNC help needed
>
> The problem is RF pickup on the cable.
>
> When getting on HF digital, it's always a challenge to get the RF in the
shack under control.
>
> bill K0ZL
>
> ac7nj@... wrote:
> There is a service bulletin ASB-1000
> My problem is I don't understand all the technical implications of
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> connected to the ACC port and TNC?
>
> Randy
> AC7NJ
>
>
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> 
> THANKS FOR USING TS-850_450_690@...
> 
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> 
> 
> ---------------------------------
> Do you Yahoo!?
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> 
> [Non-text portions of this message have been removed]
> 
> 
> 
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
> 
> Message: 5
> Date: Tue, 17 Jun 2003 23:23:03 -0000
> From: "Max" <ve3tmt@...>
> Subject: Re: IF output from the TS-850
> 
> --- In TS-850_450_690@yahoogroups.com, "rsakabu" <rsakabu@p...> wrote:
> > --- In TS-850_450_690@yahoogroups.com, "steve4iam" <steve4iam@a...>
> wrote:
> > > I have a TS-850 which works just fine. The back has a phono plug
> > for connection to the Kenwood scope monitor. I attached a male
> phono
> > plug and connected it thru a probe to a good working 100MHz
> > oscilloscope but there was no viewable output. I tried all the
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> > do something?? How can I get an output to view on the scope??
> > Thanks for any advice. Steve AB9CZ
> > >
> > > [Non-text portions of this message have been removed]
> > >
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> is
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> > of the IF output. If you are tuned to a very strong signal, you'll
> > see an 8.83 MHz sine wave with perhaps more components mixed in if
> > there are other signals near your tuned frequency.
> >
> > Other than that, a simple oscilloscope will not be of much use as a
> > spectrum monitor.
>
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> switched to use a transverter output as outlined on page 49 of the
> operators manual. If this has been done (by a simple cable swap) you
> will see no output from this jack under receive conditions.
>
> Max
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 6
> Date: Tue, 17 Jun 2003 23:27:28 -0000
> From: "Max" <ve3tmt@...>
> Subject: Re: TNC help needed
>
>
> > ac7nj@d... wrote:
> > There is a service bulletin ASB-1000
> > My problem is I don't understand all the technical implications of
> > this modification?
> > Yes, I want to use a PK-232 for RTTY and PACTOR
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> > acceptable to the radio?
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> >
> > Randy
>
> Randy,
>
> I run all the digital modes with my 850 using a program called MixW.
> It will not do Pactor transmit though. I feed the audio lines
> directly into the 13 pin DIN plug on the rear from my sound card. I
> have the station grounded to the basement framing here in the shack,
> and experience no feedback of any sort. No modification has been
> done to the radio regarding digital modes, although I have done just
> about every other mod!!
> Max

>
>
>
>
> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
>
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 1133. RE: [TS-850_450_690] Re: TNC Help needed (AC7NJ)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-18 15:17:56 UTC
From: ac7nj@donobi.net
Topic: 1132  Message: 1133

Thank you, Bud I'll put the TNC on a different power source and try
that.

FSK mode option is interesting but I don't know how to configure
that.

If you could help me with that off list I would appreciate it very
much this is somewhat off topic for the list.

Randy

AC7NJ

-----Original Message-----
From: bud thompson [mailto:budt@...]
Sent: Wednesday, June 18, 2003 15:10
To: TS-850_450_690@yahoogroups.com
Cc: ac7nj@...
Subject: [TS-850_450_690] Re: TNC Help needed (AC7NJ)

Deltona, FL
Wednesday June 18 1110EDT

Randy:

Be sure you are using separate power supplies for the TS-850 and the
TNCs,
shield all cables, etc, etc. Most TNCs and the TS-850 have all those
lines
by-passed for RF, but it may not be enough. If you want to get real
serious, you could add one of these rig interfaces which has
filtering/chokes on all the leads.

One sure way around the problem is to use the TS-850 in FSK mode
rather than
AFSK - The PK-232 will work in FSK (RTTY) mode and you'll be fsking
the
TS-850 rather than sending audio tones to the modulator in SSB mode.
You
will also be able to benefit from the 500Hz CW filter if you have
one. That
might not solve the problem of RF pick up in voice SSB while the
TNC-to-Radio cable is attached, but you won't have an TX audio
problems
during digital operations. And you won't have to modify your radio.

I have used a KAM and SCS PTC-II with the TS-850 in LSB and USB AFSK w/o any
problems- I've had a bunch of PK-232s in the past and can't imagine I didn't
use one on the 850.. but might have been using FSK - I've done that with
KAMs also.

If you must use AFSK - set the PWR control full clockwise, and put the mic
gain control where you use it on SSB with a microphone. (Mine is about 2-3).
Then in with your terminal program in RTTY or AMTOR FEC mode, adjust the TXA
output from the PK232 until the ALC on the RADIO just barely indicates a
single LED. If you have 50w or more - that is where you should leave things.
If you have more than 50w - leave the TXA level where it is and reduce the
power with the mic gain control to less than 75w when running digital.

If you have severe ALC action with less than 30w output, you may have a
problem with the DC/DC converter we've all experienced... but you should
notice that on voice as well.

G.L.
bud N0IA

Message: 3
Date: Tue, 17 Jun 2003 16:13:30 -0000
From: <ac7nj@...>
Subject: TNC help needed

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Randy
AC7NJ

---
---

Message: 4
Date: Tue, 17 Jun 2003 14:17:21 -0700 (PDT)
From: Bill <coorsbill@...>
Subject: Re: TNC help needed

The problem is RF pickup on the cable.

When getting on HF digital, it's always a challenge to get the RF in
the
shack under control.

bill K0ZL

---
-
"Are you still wasting your time with spam?...
There is a solution!"

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The most powerful anti-spam software available.
http://www.giantcompany.com

----- Original Message -----
From: <TS-850_450_690@yahoogroups.com>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, June 18, 2003 08:00
Subject: [TS-850_450_690] Digest Number 296

>
> THANKS FOR USING TS-850_450_690@...
>
---
----
>
> There are 6 messages in this issue.
>
> Topics in this digest:
>
> 1. Re: IF output from the TS-850
> From: Bill <coorsbill@...>
> 2. Re: IF output from the TS-850
> From: "rsakabu" <rsakabu@...>
> 3. TNC help needed
> From: <ac7nj@...>
> 4. Re: TNC help needed
> From: Bill <coorsbill@...>
> 5. Re: IF output from the TS-850
> From: "Max" <ve3tmt@...>

> 6. Re: TNC help needed
> From: "Max" <ve3tmt@...>
>
>
>
---
>
---
>
> Message: 1
> Date: Tue, 17 Jun 2003 06:18:57 -0700 (PDT)
> From: Bill <coorsbill@...>
> Subject: Re: IF output from the TS-850
>
> Steve, I just happen to have a 850 on the bench! hehe
>
> I will look into this tonight.
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> bill K0ZL
>
> steve4iam <steve4iam@...> wrote:
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to view on the scope?? Thanks for any advice. Steve AB9CZ
>
> [Non-text portions of this message have been removed]
>
>
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>
> see our website www.amateur-repairs.com
>
>

> ---------------------------------
> Do you Yahoo!?
> SBC Yahoo! DSL - Now only $29.95 per month!
>
> [Non-text portions of this message have been removed]
>
>
>
>

---
>

---
>
> Message: 2
> Date: Tue, 17 Jun 2003 15:22:26 -0000
> From: "rsakabu" <rsakabu@...>
> Subject: Re: IF output from the TS-850
>
> --- In TS-850_450_690@yahoogroups.com, "steve4iam"
<steve4iam@a...> wrote:
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> oscilloscope but there was no viewable output. I tried all the
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> Thanks for any advice. Steve AB9CZ
> >
> > [Non-text portions of this message have been removed]
>
> That output is a low level IF signal centered around 8.83 MHz. It
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> there are other signals near your tuned frequency.
>

> Other than that, a simple oscilloscope will not be of much use as
a
> spectrum monitor.
>
> 73
> Roy
> AD6ZU
>
>
>
>

---
>

---
>
> Message: 3
> Date: Tue, 17 Jun 2003 16:13:30 -0000
> From: <ac7nj@...>
> Subject: TNC help needed
>
> There is a service bulletin ASB-1000
> My problem is I don't understand all the technical implications of
> this modification?
> Yes, I want to use a PK-232 for RTTY and PACTOR
> BUT, I don't want to change the radio such that is will be a big
> task to use CW or VOICE also (or loose the ability all together)
> Why can't I just reduce the audio out put of the TNC with series /
> parallel resistors in the cord to reduce the level to what is
> acceptable to the radio?
> How did the audio become distorted on SSB Voice just with the
cable
> connected to the ACC port and TNC?
>
> Randy
> AC7NJ
>
>
>
>

---
>

---
>
> Message: 4
> Date: Tue, 17 Jun 2003 14:17:21 -0700 (PDT)
> From: Bill <coorsbill@...>

> Subject: Re: TNC help needed
>
> The problem is RF pickup on the cable.
>
> When getting on HF digital, it's always a challenge to get the RF
in the
shack under control.
>
> bill K0ZL
>
> ac7nj@... wrote:
> There is a service bulletin ASB-1000
> My problem is I don't understand all the technical implications of
> this modification?
> Yes, I want to use a PK-232 for RTTY and PACTOR
> BUT, I don't want to change the radio such that is will be a big
> task to use CW or VOICE also (or loose the ability all together)
> Why can't I just reduce the audio out put of the TNC with series /
> parallel resistors in the cord to reduce the level to what is
> acceptable to the radio?
> How did the audio become distorted on SSB Voice just with the
cable
> connected to the ACC port and TNC?
>
> Randy
> AC7NJ
>
>
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>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> see our website www.amateur-repairs.com
>
>
> ---------------------------------
> Do you Yahoo!?
> SBC Yahoo! DSL - Now only $29.95 per month!
>
> [Non-text portions of this message have been removed]
>
>
>
>

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>
------------------------------------------------------------------------
----
>
> Message: 5
> Date: Tue, 17 Jun 2003 23:23:03 -0000
> From: "Max" <ve3tmt@...>
> Subject: Re: IF output from the TS-850
>
> --- In TS-850_450_690@yahoogroups.com, "rsakabu" <rsakabu@p...>
wrote:
> > --- In TS-850_450_690@yahoogroups.com, "steve4iam"
<steve4iam@a...>
> wrote:
> > > I have a TS-850 which works just fine. The back has a phono
plug
> > for connection to the Kenwood scope monitor. I attached a male
> phono
> > plug and connected it thru a probe to a good working 100MHz
> > oscilloscope but there was no viewable output. I tried all the
> > amplification ranges on the scope but still nothing. Am I
failing
> to
> > do something?? How can I get an output to view on the scope??
> > Thanks for any advice. Steve AB9CZ
> > >
> > > [Non-text portions of this message have been removed]
> >
> > That output is a low level IF signal centered around 8.83 MHz.
It
> is
> > for the SM-220 sation monitor with the BS-8 pan adapter. If you
had
> > an SM-220/BS-8 or a spectrum analyzer and centered it at 8.83
MHz,
> you
> > would see a the received signals within about 200 kHz around
your
> > tuned frequency. If your radio is not receiving any signals (no
> > antenna attached, or really dead band), you'll see nothing
coming
> out
> > of the IF output. If you are tuned to a very strong signal,
you'll
> > see an 8.83 MHz sine wave with perhaps more components mixed in
if
> > there are other signals near your tuned frequency.
> >
> > Other than that, a simple oscilloscope will not be of much use
```

as a
> > spectrum monitor.
>
> Other than that, make sure that the IF output jack has not been
> switched to use a transverter output as outlined on page 49 of the
> operators manual. If this has been done (by a simple cable swap)
you
> will see no output from this jack under receive conditions.
>
> Max
>
>
>
>

---
---
>

---
---
>
> Message: 6
> Date: Tue, 17 Jun 2003 23:27:28 -0000
> From: "Max" <ve3tmt@...>
> Subject: Re: TNC help needed
>
>
> > ac7nj@d... wrote:
> > There is a service bulletin ASB-1000
> > My problem is I don't understand all the technical implications
of
> > this modification?
> > Yes, I want to use a PK-232 for RTTY and PACTOR
> > BUT, I don't want to change the radio such that is will be a big
> > task to use CW or VOICE also (or loose the ability all together)
> > Why can't I just reduce the audio out put of the TNC with series
/
> > parallel resistors in the cord to reduce the level to what is
> > acceptable to the radio?
> > How did the audio become distorted on SSB Voice just with the
cable
> > connected to the ACC port and TNC?
> >
> > Randy
>
> Randy,
>
> I run all the digital modes with my 850 using a program called
MixW.
> It will not do Pactor transmit though. I feed the audio lines
> directly into the 13 pin DIN plug on the rear from my sound card.

I
> have the station grounded to the basement framing here in the
shack,
> and experience no feedback of any sort. No modification has been
> done to the radio regarding digital modes, although I have done
just
> about every other mod!!
> Max
>
>
>
>
>
---
---
>
---
---
>
>
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[Non-text portions of this message have been removed]

# 1134. MARS

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-22 07:12:22 UTC
From: Sarge
Topic: 1134  Message: 1134

anyone have the MARS mod for the TS450?

Thanks,
Sarge

[Non-text portions of this message have been removed]

# 1135. Re: MARS

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-22 12:04:42 UTC
From: Bill Leahy
Topic: 1134  Message: 1135

Hi Sarge,

go to http://mods.dk/

and click on kenwood, then scroll down right side of page to the ts-450. there are a few things to read about it.

If you need more, contact me. The diode you need to remove is on the opp. side of the control unit, facing the chassis so you will need a number one philips head screwing driver and some patience.

73!

Bill K0ZL

--- In TS-850_450_690@yahoogroups.com, "Sarge" <sarge43@e...> wrote:
> anyone have the MARS mod for the TS450?
>
> Thanks,
> Sarge
>
> [Non-text portions of this message have been removed]

# 1136. Re: [TS-850_450_690] Re: MARS

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-22 12:22:32 UTC
From: Sarge
Topic: 1134  Message: 1136

Thanks, Bill.

Hi Sarge,

go to http://mods.dk/

and click on kenwood, then scroll down right side of page to the ts-450.

[Non-text portions of this message have been removed]

# 1137. DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-27 15:10:48 UTC
From: Rojas, Alberto R
Topic: 1072  Message: 1137

Almost 1 month ago I wrote : "

Hi Group, recently a good friend of mine, gave me a DSP-100, it
came without cables and manuals....

Does any know how to order or where may i find the schematics for wiring
of those cables.????

73's "

Today I receive by UPS my new DSP-100, Does anybody found the
information I request????

Thanks in advance

Alberto R. Rojas A. YV-3-EDO/6

Senior Field Engineer

Eastern Venezuela

+58-283-2351175 Fax : 2356811

Cell: +58-416-8831604

VPN : 105 - EXT 123

[Non-text portions of this message have been removed]

# 1138. RE: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-27 15:17:35 UTC
From: ac7nj@donobi.net
Topic: 1072  Message: 1138

I hope this helps

http://www.ssb-audio.com/ka0ka/dsp-100_schematic.html

Randy

AC7NJ

-----Original Message-----
From: Rojas, Alberto R [mailto:Alberto.Rojas@...]
Sent: Friday, June 27, 2003 15:11
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] DSP-100
Importance: High

Almost 1 month ago I wrote : "

Hi Group, recently a good friend of mine, gave me a DSP-100,
it
came without cables and manuals....

Does any know how to order or where may i find the schematics for
wiring
of those cables.????

73's "

Today I receive by UPS my new DSP-100, Does anybody found the
information I request????

Thanks in advance

Alberto R. Rojas A. YV-3-EDO/6

Senior Field Engineer

Eastern Venezuela

+58-283-2351175 Fax : 2356811

Cell: +58-416-8831604

VPN : 105 - EXT 123

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<http://us.adserver.yahoo.com/l?M=245454.3115308.4434529.1261774/D=egroupmail/S=:HM/A=1457554/rand=555649732>

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[Non-text portions of this message have been removed]

# 1139. TS-850S CAR Board (X50-3140-00) IC's

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-28 00:34:36 UTC
From: Bill Smith
Topic: 1139  Message: 1139

Having read about all the DDS IC failures on the CAR board I decided to go ahed and buy some parts whaile they are still available. I have heard through the grapevine that the old chips(part number YM6331) have been replaced with a new and improved IC (part number YM66312).

I thought I would just buy a complete board since I can't see well enough anymore to desolder and replace surface mount IC's. Since no one at Kenwood parts can verify whether or not there ever was a new and improved DDS IC why buy a new board with old IC's on it? I have heard that the replacement DDS chips were the new style (part number YM66312).

Anyone heard about this before?
Thanks,
Bill Smith KO4NR

=====
Bill Smith KO4NR

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# 1140. Re: TS-850S CAR Board (X50-3140-00) IC's

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-29 13:13:25 UTC
From: ko4nrbs
Topic: 1139  Message: 1140

Tom Alldread (VA7TA) bought a new CAR board for his TS-850s about 5 years ago from Kenwood Canada and the DDS ICs on it had the part number YM-66312 on them. This confirms that Kenwood does have a newer version of the DDS chips. I can't say they are redesigned or modified but with the addition of the "2" on the part number it does appear that the chips are different.

I am trying to get Kenwood to explain this and will post what I find out.

I do intend to buy a new CAR board but will not buy one if the DDS chips on it have the old part number on them. I'll buy DDS chips if I have to to get the newer type with the part number YM-66312 on them.

73,
Bill

--- In TS-850_450_690@yahoogroups.com, Bill Smith <ko4nrbs@y...>
wrote:
> Having read about all the DDS IC failures on the CAR
> board I decided to go ahed and buy some parts whaile
> they are still available. I have heard through the
> grapevine that the old chips(part number YM6331) have
> been replaced with a new and improved IC (part number
> YM66312).
>
> I thought I would just buy a complete board since I
> can't see well enough anymore to desolder and replace
> surface mount IC's. Since no one at Kenwood parts can
> verify whether or not there ever was a new and
> improved DDS IC why buy a new board with old IC's on
> it? I have heard that the replacement DDS chips were
> the new style (part number YM66312).
>
> Anyone heard about this before?
> Thanks,
> Bill Smith KO4NR
>
>
> =====
> Bill Smith KO4NR
>
> _____________________________
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# 1141. Home Made Hot Air Soldering Tool for SMT IC's

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-28 12:01:05 UTC
From: Bill Smith
Topic: 1141  Message: 1141

I found this article on how to make a hot air
desoldering tool for surface mount IC's on the web.
May try it for the DDS chips on the 850S CAR board.

http://www.usbmicro.com/odn/documents/46.html
73,
Bill

=====
Bill Smith KO4NR

---------------------------------
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# 1142. Does a complete TS-850SAT service manual exist online

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-30 03:04:39 UTC
From: Dave W8NF
Topic: 1142  Message: 1142

I am aware of the TK5EP and www.mods.dk service manual downloads - they only go up to page 115.

I ran the 40 meter station this weekend for FD. A TS-830S from the club's inventory had been picked out, and I'd done a needed cleaning of the front panel pots and switches. But as luck would have it, the pre-cut club antennas were tuned a tad low. The internal pi network handled it OK, but because it was reactive, we had to re-tune the rig when we QSY'd even a little bit. From flat land, 40 meters is a purely S&P band from California on FD. So we had to do a lot of QSYing.

I'd brought both my IC-735 Icom and my TS-850SAT, hoping to not use either one. But the frustrations of re-tuning the 830 drove me to put the '850 on the station. It has the built-in tuner, so this should fix the QSY problem. Things were OK, other than the irritating stink - there was a mid-sized dog roaming the site, and it sure smelled as if his eyes had gone bad and he'd mistaken our tent for a fire hydrant. And it got stronger. Ugh.

Maybe 3 hours after the '850 went online, we suddenly were getting ZERO QSOs. Quick check, and the power output was zero. Yuck. I don't relish working on the '850, but maybe it's not as challenging in there as I fear.

Anyway, the old Icom 735 went on the desk and proceeded to run for 16 hours without a hitch, and we didn't even bother to tune out the 5:1 VSWR - just ran the rig right into it. Must have been working OK, I ran about 190 CW QSOs the last two hours of the event. A 40 meter Yagi at 50 feet was helpful.

The "doggy" smell is definitely coming from the '850. Now that I know it's electronic in nature, it actually smells like bad electrolytic capacitor. I pulled the covers off and so nothing discolored, but the soldering and heatsink compound work on the PA unit looks horrible. Either Kenwood didn't pay much attention to assembly when they built this one, or it's been "repaired" by someone who didn't know what he was doing.

So, about now, I think I'd like a complete copy of the
manual. Is Kenwood the only place?

TU ES GL ES 73

AR DE W8NF
QRZ FD...

Dave

---------------------------------
Do you Yahoo!?
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# 1143. Re: [TS-850_450_690] Does a complete TS-850SAT service manual exist online

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-30 03:56:32 UTC
From: Eric
Topic: 1142  Message: 1143

I had the same problem about one year ago. I doubt mine was ever replaced before it went out.

Eric
kr9w

----- Original Message -----
From: "Dave W8NF" <w8nflists@...>
To: <TS-850_450_690@...>
Sent: Sunday, June 29, 2003 10:04 PM
Subject: [TS-850_450_690] Does a complete TS-850SAT service manual exist online

> I am aware of the TK5EP and www.mods.dk service manual
> downloads - they only go up to page 115.
>
> I ran the 40 meter station this weekend for FD. A
> TS-830S from the club's inventory had been picked out,
> and I'd done a needed cleaning of the front panel pots
> and switches. But as luck would have it, the pre-cut
> club antennas were tuned a tad low. The internal pi
> network handled it OK, but because it was reactive, we
> had to re-tune the rig when we QSY'd even a little
> bit. From flat land, 40 meters is a purely S&P band
> from California on FD. So we had to do a lot of
> QSYing.
>
> I'd brought both my IC-735 Icom and my TS-850SAT,
> hoping to not use either one. But the frustrations of
> re-tuning the 830 drove me to put the '850 on the
> station. It has the built-in tuner, so this should
> fix the QSY problem. Things were OK, other than the
> irritating stink - there was a mid-sized dog roaming
> the site, and it sure smelled as if his eyes had gone
> bad and he'd mistaken our tent for a fire hydrant.
> And it got stronger. Ugh.
>
> Maybe 3 hours after the '850 went online, we suddenly
> were getting ZERO QSOs. Quick check, and the power
> output was zero. Yuck. I don't relish working on the
> '850, but maybe it's not as challenging in there as I
> fear.
>
> Anyway, the old Icom 735 went on the desk and

> proceeded to run for 16 hours without a hitch, and we
> didn't even bother to tune out the 5:1 VSWR - just ran
> the rig right into it. Must have been working OK, I
> ran about 190 CW QSOs the last two hours of the event.
> A 40 meter Yagi at 50 feet was helpful.
>
> The "doggy" smell is definitely coming from the '850.
> Now that I know it's electronic in nature, it actually
> smells like bad electrolytic capacitor. I pulled the
> covers off and so nothing discolored, but the
> soldering and heatsink compound work on the PA unit
> looks horrible. Either Kenwood didn't pay much
> attention to assembly when they built this one, or
> it's been "repaired" by someone who didn't know what
> he was doing.
>
> So, about now, I think I'd like a complete copy of the
> manual. Is Kenwood the only place?
>
> TU ES GL ES 73
>
> AR DE W8NF
> QRZ FD...
>
> Dave
>
> _____
> Do you Yahoo!?
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>

# 1144. Re: [TS-850_450_690] Does a complete TS-850SAT service manual exist online

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-30 10:43:17 UTC
From: Stu
Topic: 1142  Message: 1144

Sounds like the exact same problem I had a year or so back

C1 On the car board has went and needs replace if you are luck that's all
but on mine the trx board had a failed component as well

if you want I have a pdf of the tech manual its a good size can give you
access to my ftp if you want
or I can give you a quick locator of the boards via e-mail

Stu MM0BSM
----- Original Message -----
From: "Dave W8NF" <w8nflists@...>
To: <TS-850_450_690@...>
Sent: Monday, June 30, 2003 4:04 AM
Subject: [TS-850_450_690] Does a complete TS-850SAT service manual exist
online

> I am aware of the TK5EP and www.mods.dk service manual
> downloads - they only go up to page 115.
>
> I ran the 40 meter station this weekend for FD. A
> TS-830S from the club's inventory had been picked out,
> and I'd done a needed cleaning of the front panel pots
> and switches. But as luck would have it, the pre-cut
> club antennas were tuned a tad low. The internal pi
> network handled it OK, but because it was reactive, we
> had to re-tune the rig when we QSY'd even a little
> bit. From flat land, 40 meters is a purely S&P band
> from California on FD. So we had to do a lot of
> QSYing.
>
> I'd brought both my IC-735 Icom and my TS-850SAT,
> hoping to not use either one. But the frustrations of
> re-tuning the 830 drove me to put the '850 on the
> station. It has the built-in tuner, so this should
> fix the QSY problem. Things were OK, other than the
> irritating stink - there was a mid-sized dog roaming
> the site, and it sure smelled as if his eyes had gone
> bad and he'd mistaken our tent for a fire hydrant.
> And it got stronger. Ugh.
>
> Maybe 3 hours after the '850 went online, we suddenly
> were getting ZERO QSOs. Quick check, and the power
> output was zero. Yuck. I don't relish working on the
> '850, but maybe it's not as challenging in there as I

> fear.
>
> Anyway, the old Icom 735 went on the desk and
> proceeded to run for 16 hours without a hitch, and we
> didn't even bother to tune out the 5:1 VSWR - just ran
> the rig right into it. Must have been working OK, I
> ran about 190 CW QSOs the last two hours of the event.
> A 40 meter Yagi at 50 feet was helpful.
>
> The "doggy" smell is definitely coming from the '850.
> Now that I know it's electronic in nature, it actually
> smells like bad electrolytic capacitor. I pulled the
> covers off and so nothing discolored, but the
> soldering and heatsink compound work on the PA unit
> looks horrible. Either Kenwood didn't pay much
> attention to assembly when they built this one, or
> it's been "repaired" by someone who didn't know what
> he was doing.
>
> So, about now, I think I'd like a complete copy of the
> manual. Is Kenwood the only place?
>
> TU ES GL ES 73
>
> AR DE W8NF
> QRZ FD...
>
> Dave
>
> ---------------------------------
> Do you Yahoo!?
> SBC Yahoo! DSL - Now only $29.95 per month!
> http://sbc.yahoo.com
>
>
> THANKS FOR USING TS-850_450_690@...
>
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>
>
>

# 1145. Re: [TS-850_450_690] Does a complete TS-850SAT service manual exist online

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-30 13:53:16 UTC
From: Eric
Topic: 1142  Message: 1145

Mine let go some of the first times I used the MC-60 microphone and was in the adjusting phase, maybe too much drive?

I have the service manual, but in the real world--not electronic.

Eric

----- Original Message -----
From: "Stu" <samalex@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, June 30, 2003 5:43 AM
Subject: Re: [TS-850_450_690] Does a complete TS-850SAT service manual exist online

> Sounds like the exact same problem I had a year or so back
>
> C1 On the car board has went and needs replace if you are luck that's all
> but on mine the trx board had a failed component as well
>
> if you want I have a pdf of the tech manual its a good size can give you
> access to my ftp if you want
> or I can give you a quick locator of the boards via e-mail
>
> Stu MM0BSM
> ----- Original Message -----
> From: "Dave W8NF" <w8nflists@...>
> To: <TS-850_450_690@...>
> Sent: Monday, June 30, 2003 4:04 AM
> Subject: [TS-850_450_690] Does a complete TS-850SAT service manual exist
> online
>
>
> > I am aware of the TK5EP and www.mods.dk service manual
> > downloads - they only go up to page 115.
> >
> > I ran the 40 meter station this weekend for FD. A
> > TS-830S from the club's inventory had been picked out,
> > and I'd done a needed cleaning of the front panel pots
> > and switches. But as luck would have it, the pre-cut
> > club antennas were tuned a tad low. The internal pi
> > network handled it OK, but because it was reactive, we
> > had to re-tune the rig when we QSY'd even a little
> > bit. From flat land, 40 meters is a purely S&P band
> > from California on FD. So we had to do a lot of
> > QSYing.

> >
> > I'd brought both my IC-735 Icom and my TS-850SAT,
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> > station. It has the built-in tuner, so this should
> > fix the QSY problem. Things were OK, other than the
> > irritating stink - there was a mid-sized dog roaming
> > the site, and it sure smelled as if his eyes had gone
> > bad and he'd mistaken our tent for a fire hydrant.
> > And it got stronger. Ugh.
> >
> > Maybe 3 hours after the '850 went online, we suddenly
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> > output was zero. Yuck. I don't relish working on the
> > '850, but maybe it's not as challenging in there as I
> > fear.
> >
> > Anyway, the old Icom 735 went on the desk and
> > proceeded to run for 16 hours without a hitch, and we
> > didn't even bother to tune out the 5:1 VSWR - just ran
> > the rig right into it. Must have been working OK, I
> > ran about 190 CW QSOs the last two hours of the event.
> > A 40 meter Yagi at 50 feet was helpful.
> >
> > The "doggy" smell is definitely coming from the '850.
> > Now that I know it's electronic in nature, it actually
> > smells like bad electrolytic capacitor. I pulled the
> > covers off and so nothing discolored, but the
> > soldering and heatsink compound work on the PA unit
> > looks horrible. Either Kenwood didn't pay much
> > attention to assembly when they built this one, or
> > it's been "repaired" by someone who didn't know what
> > he was doing.
> >
> > So, about now, I think I'd like a complete copy of the
> > manual. Is Kenwood the only place?
> >
> > TU ES GL ES 73
> >
> > AR DE W8NF
> > QRZ FD...
> >
> > Dave
> >
> > _____
> > Do you Yahoo!?
> > SBC Yahoo! DSL - Now only $29.95 per month!
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> >
> >

> > THANKS FOR USING TS-850_450_690@...
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>
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>
>

# 1146. Re: Does a complete TS-850SAT service manual exist online

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-30 18:25:31 UTC
From: w8nflists
Topic: 1142  Message: 1146

By "the adjusting phase", do you mean while the auto tuner was
operating? I thought that power was limited to 10 watts.

We were definitely pushing the rig, with mild compression and the ALC
meter reading upscale about halfway. There was audible distortion,
but we were still cleaner than most signals on Field Day. Still, a
rig shouldn't allow you to drive it to the damage point - that's the
first function of ALC, to prevent damage from overdrive.

Responses from others suggest that it was an electrolytic on the CAR
board, so I'll check into that.

What blew on yours? Was it actually the finals?

Thanks!

73, W8NF

--- In TS-850_450_690@yahoogroups.com, "Eric" <mulder@a...> wrote:
> Mine let go some of the first times I used the MC-60 microphone and
was in
> the adjusting phase, maybe too much drive?
>
> I have the service manual, but in the real world--not electronic.
>
> Eric
>
>
>
> ----- Original Message -----
> From: "Stu" <samalex@e...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Monday, June 30, 2003 5:43 AM
> Subject: Re: [TS-850_450_690] Does a complete TS-850SAT service
manual exist
> online
>
>
> > Sounds like the exact same problem I had a year or so back
> >
> > C1 On the car board has went and needs replace if you are luck
that's all
> > but on mine the trx board had a failed component as well
> >
> > if you want I have a pdf of the tech manual its a good size can
give you

> > access to my ftp if you want
> > or I can give you a quick locator of the boards via e-mail
> >
> > Stu MM0BSM
> > ----- Original Message -----
> > From: "Dave W8NF" <w8nflists@y...>
> > To: <TS-850_450_690@Y...>
> > Sent: Monday, June 30, 2003 4:04 AM
> > Subject: [TS-850_450_690] Does a complete TS-850SAT service
manual exist
> > online
> >
> >
> > > I am aware of the TK5EP and www.mods.dk service manual
> > > downloads - they only go up to page 115.
> > >
> > > I ran the 40 meter station this weekend for FD. A
> > > TS-830S from the club's inventory had been picked out,
> > > and I'd done a needed cleaning of the front panel pots
> > > and switches. But as luck would have it, the pre-cut
> > > club antennas were tuned a tad low. The internal pi
> > > network handled it OK, but because it was reactive, we
> > > had to re-tune the rig when we QSY'd even a little
> > > bit. From flat land, 40 meters is a purely S&P band
> > > from California on FD. So we had to do a lot of
> > > QSYing.
> > >
> > > I'd brought both my IC-735 Icom and my TS-850SAT,
> > > hoping to not use either one. But the frustrations of
> > > re-tuning the 830 drove me to put the '850 on the
> > > station. It has the built-in tuner, so this should
> > > fix the QSY problem. Things were OK, other than the
> > > irritating stink - there was a mid-sized dog roaming
> > > the site, and it sure smelled as if his eyes had gone
> > > bad and he'd mistaken our tent for a fire hydrant.
> > > And it got stronger. Ugh.
> > >
> > > Maybe 3 hours after the '850 went online, we suddenly
> > > were getting ZERO QSOs. Quick check, and the power
> > > output was zero. Yuck. I don't relish working on the
> > > '850, but maybe it's not as challenging in there as I
> > > fear.
> > >
> > > Anyway, the old Icom 735 went on the desk and
> > > proceeded to run for 16 hours without a hitch, and we
> > > didn't even bother to tune out the 5:1 VSWR - just ran
> > > the rig right into it. Must have been working OK, I
> > > ran about 190 CW QSOs the last two hours of the event.
> > > A 40 meter Yagi at 50 feet was helpful.
> > >

> > > The "doggy" smell is definitely coming from the '850.
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> > > covers off and so nothing discolored, but the
> > > soldering and heatsink compound work on the PA unit
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> > > attention to assembly when they built this one, or
> > > it's been "repaired" by someone who didn't know what
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> > > manual. Is Kenwood the only place?
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> > > Dave
> > >
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> > > Do you Yahoo!?
> > > SBC Yahoo! DSL - Now only $29.95 per month!
> > > http://sbc.yahoo.com
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> > >
> > > THANKS FOR USING TS-850_450_690@Y...
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> >

# 1147. Re: TS-850S CAR Board (X50-3140-00) IC's

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-30 18:28:06 UTC
From: w8nflists
Topic: 1139  Message: 1147

Sometimes a chip manufacturer makes a change in the process used to make the chip, without changing the design of the chip. This happens most frequently when a semiconductor process goes obsolete. Most of the time, a chip with an added numeral after the main designator is intended to be identical to the one it replaces, but they must make a change to the part number to alert designers/manufacturers that in some corner cases it might behave differently.

W8NF

--- In TS-850_450_690@yahoogroups.com, "ko4nrbs" <ko4nrbs@y...> wrote:
> Tom Alldread (VA7TA) bought a new CAR board for his TS-850s about 5
> years ago from Kenwood Canada and the DDS ICs on it had the part
> number YM-66312 on them. This confirms that Kenwood does have a
> newer version of the DDS chips. I can't say they are redesigned or
> modified but with the addition of the "2" on the part number it
does
> appear that the chips are different.
>
> I am trying to get Kenwood to explain this and will post what I
find
> out.
>
> I do intend to buy a new CAR board but will not buy one if the DDS
> chips on it have the old part number on them. I'll buy DDS chips
if
> I have to to get the newer type with the part number YM-66312 on
them.
>
> 73,
> Bill
>
>
>
> --- In TS-850_450_690@yahoogroups.com, Bill Smith <ko4nrbs@y...>
> wrote:
> > Having read about all the DDS IC failures on the CAR
> > board I decided to go ahed and buy some parts whaile
> > they are still available. I have heard through the
> > grapevine that the old chips(part number YM6331) have
> > been replaced with a new and improved IC (part number
> > YM66312).
> >
> > I thought I would just buy a complete board since I
> > can't see well enough anymore to desolder and replace

> > surface mount IC's. Since no one at Kenwood parts can
> > verify whether or not there ever was a new and
> > improved DDS IC why buy a new board with old IC's on
> > it? I have heard that the replacement DDS chips were
> > the new style (part number YM66312).
> >
> > Anyone heard about this before?
> > Thanks,
> > Bill Smith KO4NR
> >
> >
> > =====
> > Bill Smith KO4NR
> >
> > _____
> > Do you Yahoo!?
> > SBC Yahoo! DSL - Now only $29.95 per month!
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# 1148. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-30 18:42:46 UTC
From: Bill
Topic: 1072  Message: 1148

Alberto, you are going to have to find the book for
this thing... the 850 book has the one end but not the
other for the cables.

bill

--- "Rojas, Alberto R" <Alberto.Rojas@...>
wrote:
> Almost 1 month ago I wrote : "
>
>
> Hi Group, recently a good friend of mine, gave
> me a DSP-100, it
> came without cables and manuals....
>
>
> Does any know how to order or where may i find the
> schematics for wiring
> of those cables.????
>
> 73's "
>
>
>
> Today I receive by UPS my new DSP-100, Does anybody
> found the
> information I request????
>
>
>
> Thanks in advance
>
>
>
>
>
>
>
>
> Alberto R. Rojas A. YV-3-EDO/6
>
> Senior Field Engineer
>
> Eastern Venezuela
>
> +58-283-2351175 Fax : 2356811

>
> Cell: +58-416-8831604
>
> VPN : 105 - EXT 123
>
>
>
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>
> [Non-text portions of this message have been
> removed]
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>

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# 1149. RE: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-30 18:45:42 UTC
From: Rojas, Alberto R
Topic: 1072  Message: 1149

Ok bill, I'm trying to find it at local kenwood dealer in VZLA.

Regards and 73's

Alberto R. Rojas A. YV-3-EDO/6

Senior Field Engineer

Eastern Venezuela

+58-283-2351175 Fax : 2356811

Cell: +58-416-8831604

VPN : 105 - EXT 123

-----Original Message-----
From: Bill [mailto:coorsbill@...]
Sent: Monday, June 30, 2003 2:43 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] DSP-100

Alberto, you are going to have to find the book for
this thing... the 850 book has the one end but not the
other for the cables.

bill

--- "Rojas, Alberto R" <Alberto.Rojas@...>
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> Does any know how to order or where may i find the
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> 73's "
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>
> Today I receive by UPS my new DSP-100, Does anybody
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> information I request????
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> Thanks in advance
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> Alberto R. Rojas A. YV-3-EDO/6
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>
> [Non-text portions of this message have been
> removed]
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>

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<http://rd.yahoo.com/M=251812.3170658.4537139.1261774/D=egroupweb/S=1705
063108:HM/A=1564415/R=0/SIG=11t6t7kdo/*http:/www.netflix.com/Default?mqs
o=60164784&partid=3170658>

<http://us.adserver.yahoo.com/l?M=251812.3170658.4537139.1261774/D=egrou
pmail/S=:HM/A=1564415/rand=268808799>

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<http://docs.yahoo.com/info/terms/> Terms of Service.

[Non-text portions of this message have been removed]

# 1150. Re: [TS-850_450_690] Re: Does a complete TS-850SAT service manual exist online

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-30 19:08:12 UTC
From: Eric
Topic: 1142  Message: 1150

I believe it was a capacitor, burned pretty good. A fellow ham knows a good tech and that is who performed the repair. The description of location has been lost in my brain, but the tech followed the smell to its location. In my case I believe the mc 60 was pushing the alc too hard before I adjusted the mic., etc.

Eric

----- Original Message -----
From: "w8nflists" <w8nflists@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, June 30, 2003 1:25 PM
Subject: [TS-850_450_690] Re: Does a complete TS-850SAT service manual exist online

> By "the adjusting phase", do you mean while the auto tuner was
> operating? I thought that power was limited to 10 watts.
>
> We were definitely pushing the rig, with mild compression and the ALC
> meter reading upscale about halfway. There was audible distortion,
> but we were still cleaner than most signals on Field Day. Still, a
> rig shouldn't allow you to drive it to the damage point - that's the
> first function of ALC, to prevent damage from overdrive.
>
> Responses from others suggest that it was an electrolytic on the CAR
> board, so I'll check into that.
>
> What blew on yours? Was it actually the finals?
>
> Thanks!
>
> 73, W8NF
>
> --- In TS-850_450_690@yahoogroups.com, "Eric" <mulder@a...> wrote:
> > Mine let go some of the first times I used the MC-60 microphone and
> was in
> > the adjusting phase, maybe too much drive?
> >
> > I have the service manual, but in the real world--not electronic.
> >
> > Eric
> >
> >
> >

> > ----- Original Message -----
> > From: "Stu" <samalex@e...>
> > To: <TS-850_450_690@yahoogroups.com>
> > Sent: Monday, June 30, 2003 5:43 AM
> > Subject: Re: [TS-850_450_690] Does a complete TS-850SAT service
> manual exist
> > online
> >
> >
> > > Sounds like the exact same problem I had a year or so back
> > >
> > > C1 On the car board has went and needs replace if you are luck
> that's all
> > > but on mine the trx board had a failed component as well
> > >
> > > if you want I have a pdf of the tech manual its a good size can
> give you
> > > access to my ftp if you want
> > > or I can give you a quick locator of the boards via e-mail
> > >
> > > Stu MM0BSM
> > > ----- Original Message -----
> > > From: "Dave W8NF" <w8nflists@y...>
> > > To: <TS-850_450_690@Y...>
> > > Sent: Monday, June 30, 2003 4:04 AM
> > > Subject: [TS-850_450_690] Does a complete TS-850SAT service
> manual exist
> > > online
> > >
> > >
> > > > I am aware of the TK5EP and www.mods.dk service manual
> > > > downloads - they only go up to page 115.
> > > >
> > > > I ran the 40 meter station this weekend for FD. A
> > > > TS-830S from the club's inventory had been picked out,
> > > > and I'd done a needed cleaning of the front panel pots
> > > > and switches. But as luck would have it, the pre-cut
> > > > club antennas were tuned a tad low. The internal pi
> > > > network handled it OK, but because it was reactive, we
> > > > had to re-tune the rig when we QSY'd even a little
> > > > bit. From flat land, 40 meters is a purely S&P band
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> > > > QSYing.
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> > > > station. It has the built-in tuner, so this should
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> > > > irritating stink - there was a mid-sized dog roaming

> > > > the site, and it sure smelled as if his eyes had gone
> > > > bad and he'd mistaken our tent for a fire hydrant.
> > > > And it got stronger. Ugh.
> > > >
> > > > Maybe 3 hours after the '850 went online, we suddenly
> > > > were getting ZERO QSOs. Quick check, and the power
> > > > output was zero. Yuck. I don't relish working on the
> > > > '850, but maybe it's not as challenging in there as I
> > > > fear.
> > > >
> > > > Anyway, the old Icom 735 went on the desk and
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> > > > the rig right into it. Must have been working OK, I
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> > > > A 40 meter Yagi at 50 feet was helpful.
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> > > > The "doggy" smell is definitely coming from the '850.
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> > > > it's been "repaired" by someone who didn't know what
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> > > > _____
> > > > Do you Yahoo!?
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> > > >
> > > > THANKS FOR USING TS-850_450_690@Y...
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>

# 1151. Power button cap

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-06-30 23:09:44 UTC
From: Dave
Topic: 1151  Message: 1151

Hello group!

I recently got a TS-450 at a hamfest. This is my first
HF rig and so far it seems great. (I gotta get my antenna
out of my house!) Anyway, the only thing that I can find
wrong is the cap for the power switch is missing. The switch
works fine, it's just a pain to push in. Before I kludge
something together, I wondered if anyone knew where to get a
replacement cap for a reasonable price.

Thanks,
Dave
KC2KMS

# 1152. Re: [TS-850_450_690] Power button cap

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-01 00:44:35 UTC
From: Bill
Topic: 1151  Message: 1152

Write this on your owner's manual:
k29-0758-14 (ts-440)
or
k29-4636-05 (ts-850 etc)

They are nearly indistiguishable, I use either one for
either one without complaint.

I have one of the 0758 if you want it; $5.00 with
shipping if you want it, or if you need more stuff you
can call PacCoast parts. Let me know.

73,

Bill K0ZL
--- Dave <davef1@...> wrote:
> Hello group!
>
> I recently got a TS-450 at a hamfest. This is my
> first
> HF rig and so far it seems great. (I gotta get my
> antenna
> out of my house!) Anyway, the only thing that I can
> find
> wrong is the cap for the power switch is missing.
> The switch
> works fine, it's just a pain to push in. Before I
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> something together, I wondered if anyone knew where
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> replacement cap for a reasonable price.
>
> Thanks,
> Dave
> KC2KMS
>
>
>
>
>

=====

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# 1153. TS-850S CAR Board DDS Chip Date Codes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-01 23:06:29 UTC
From: ko4nrbs
Topic: 1153  Message: 1153

Has anyone kept track of the date code on the DDS chips that have failed (Part Number YM6631)?

The date code on mine are 9028. So far no problems.

73,
Bill

# 1154. RE: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-02 04:59:13 UTC
From: Charles Bird
Topic: 1072  Message: 1154

Alberto -- I scanned the Instruction Manual and
schematic (very large) and emailed them to you. The
part numbers for the cables are listed in the manual.
You can probably order them from Pacific Coast Parts.
The black and yellow cables are ordinary audio cable
with RCA plugs. The six and thirteen pin cables you
might want to order. www.pacparts.com 73, Charlie
K6HTM
~~~~~~~~~~~~~~
--- "Rojas, Alberto R" <Alberto.Rojas@...>
wrote:
> Ok bill, I'm trying to find it at local kenwood
> dealer in VZLA.
>
>
>
> Regards and 73's
>
>
>
> Alberto R. Rojas A. YV-3-EDO/6
>
> Senior Field Engineer
>
> Eastern Venezuela
>
> +58-283-2351175 Fax : 2356811
>
> Cell: +58-416-8831604
>
> VPN : 105 - EXT 123
>
> -----Original Message-----
> From: Bill [mailto:coorsbill@...]
> Sent: Monday, June 30, 2003 2:43 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] DSP-100
>
>
>
> Alberto, you are going to have to find the book for
> this thing... the 850 book has the one end but not
> the
> other for the cables.
>
~~~~~~~~~~~~~~

> bill
>
> --- "Rojas, Alberto R"
> <Alberto.Rojas@...>
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> > Thanks in advance
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> >
> > Alberto R. Rojas A. YV-3-EDO/6
> >
> > Senior Field Engineer
> >
> > Eastern Venezuela
> >
> > +58-283-2351175 Fax : 2356811
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> > Cell: +58-416-8831604
> >
> > VPN : 105 - EXT 123
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> >

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> >
> >
> > [Non-text portions of this message have been
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>
>
<http://rd.yahoo.com/M=251812.3170658.4537139.1261774/D=egroupweb/S=1705
>
063108:HM/A=1564415/R=0/SIG=11t6t7kdo/*http:/www.netflix.com/Default?mqs
> o=60164784&partid=3170658>
>
>
>
>
<http://us.adserver.yahoo.com/l?M=251812.3170658.4537139.1261774/D=egrou
> pmail/S=:HM/A=1564415/rand=268808799>
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to the Yahoo!
> <http://docs.yahoo.com/info/terms/> Terms of
> Service.
>
>
>
> [Non-text portions of this message have been
> removed]

>
>

---
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# 1155. RE: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-02 11:30:56 UTC
From: Rojas, Alberto R
Topic: 1072  Message: 1155

Thank you very much for your response, I already received very good the attachment you sent me$B!D(B.

Regards and 73$B!G(Bs

Alberto R. Rojas A. YV-3-EDO/6

Senior Field Engineer

Eastern Venezuela

+58-283-2351175 Fax : 2356811

Cell: +58-416-8831604

VPN : 105 - EXT 123

-----Original Message-----
From: Charles Bird [mailto:k6htm@...]
Sent: Wednesday, July 02, 2003 12:59 AM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] DSP-100

Alberto -- I scanned the Instruction Manual and
schematic (very large) and emailed them to you. The
part numbers for the cables are listed in the manual.
You can probably order them from Pacific Coast Parts.
The black and yellow cables are ordinary audio cable
with RCA plugs. The six and thirteen pin cables you
might want to order. www.pacparts.com 73, Charlie
K6HTM
~~~~~~~~~~~~~~
--- "Rojas, Alberto R" <Alberto.Rojas@...>
wrote:
> Ok bill, I'm trying to find it at local kenwood
> dealer in VZLA.
>
>
>
> Regards and 73's
>
>
>
> Alberto R. Rojas A. YV-3-EDO/6
>
> Senior Field Engineer
>
~~~~~~~~~~~~~~

> Eastern Venezuela
>
> +58-283-2351175 Fax : 2356811
>
> Cell: +58-416-8831604
>
> VPN : 105 - EXT 123
>
> -----Original Message-----
> From: Bill [mailto:coorsbill@...]
> Sent: Monday, June 30, 2003 2:43 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] DSP-100
>
>
>
> Alberto, you are going to have to find the book for
> this thing... the 850 book has the one end but not
> the
> other for the cables.
>
> bill
>
> --- "Rojas, Alberto R"
> <Alberto.Rojas@...>
> wrote:
> > Almost 1 month ago I wrote : "
> >
> >
> > Hi Group, recently a good friend of mine,
> gave
> > me a DSP-100, it
> > came without cables and manuals....
> >
> >
> > Does any know how to order or where may i find the
> > schematics for wiring
> > of those cables.????
> >
> > 73's "
> >
> >
> >
> > Today I receive by UPS my new DSP-100, Does
> anybody
> > found the
> > information I request????
> >
> >
> >

> > Thanks in advance
> >
> >
> >
> >
> >
> >
> >
> > Alberto R. Rojas A. YV-3-EDO/6
> >
> > Senior Field Engineer
> >
> > Eastern Venezuela
> >
> > +58-283-2351175 Fax : 2356811
> >
> > Cell: +58-416-8831604
> >
> > VPN : 105 - EXT 123
> >
> >
> >
> >
> >
> > [Non-text portions of this message have been
> > removed]
> >
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>
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> =====
>
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<http://rd.yahoo.com/M=251812.3170658.4537139.1261774/D=egroupweb/S=1705

>
063108:HM/A=1564415/R=0/SIG=11t6t7kdo/*http:/www.netflix.com/Default?mqs
> o=60164784&partid=3170658>
>
>
>
>
<http://us.adserver.yahoo.com/l?M=251812.3170658.4537139.1261774/D=egrou
> pmail/S=:HM/A=1564415/rand=268808799>
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to the Yahoo!
> <http://docs.yahoo.com/info/terms/> Terms of
> Service.
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

---
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<http://rd.yahoo.com/M=249982.3512844.4795476.1261774/D=egroupweb/S=1705063108:HM/A=152496
3/R=0/SIG=12o72ctft/*http:/hits.411web.com/cgi-bin/autoredir?camp=556&lineid=3512844$B"g
(B=egroupweb&pos=HM>

<http://us.adserver.yahoo.com/l?M=249982.3512844.4795476.1261774/D=egroupmail/S=:HM/A=1524
963/rand=997887590>

THANKS FOR USING TS-850_450_690@...

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Terms of Service.

[Non-text portions of this message have been removed]

# 1156. Happy 4th of July

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-04 17:10:58 UTC
From: Max
Topic: 1156  Message: 1156

Just wanted to wish all my American neighbors a Happy 4th of July!!

Max

# 1157. Re: [TS-850_450_690] Happy 4th of July

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-04 18:04:18 UTC
From: Sarge
Topic: 1156  Message: 1157

Thanks !!! But isn't it the 4th of July there too?

Just wanted to wish all my American neighbors a Happy 4th of July!!

Max

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[Non-text portions of this message have been removed]

# 1158. Re: Happy 4th of July

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-04 20:14:03 UTC
From: Max
Topic: 1156  Message: 1158

--- In TS-850_450_690@yahoogroups.com, "Sarge" <sarge43@e...> wrote:
> Thanks !!! But isn't it the 4th of July there too?

We celebrate Canada Day July 1. We all sit around the fire in our
touques drinking beer and telling stories about polar bears eh!!

# 1159. Re: [TS-850_450_690] Happy 4th of July

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-04 20:15:13 UTC
From: Don
Topic: 1156  Message: 1159

This was a Ham Radio operator House I was told Tower and Beam also Bad, No sparklers for any of my 14 Grandchildren , have a Safe Holiday

Don KA9QJG

http://www.thetimesonline.com/articles/2003/07/04/news/local_illinois/bd605caf541169b586256d59001060b3.txt

http://www.qrz.com/callsign/K9DXR

# 1160. Re: [TS-850_450_690] Re: Happy 4th of July

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-04 20:37:21 UTC
From: Sarge
Topic: 1156  Message: 1160

well happy belated Canada Day. But its still July 4th there too y'all.
Send me a polar bear story sometime.. Hahaha!

We celebrate Canada Day July 1. We all sit around the fire in our
touques drinking beer and telling stories about polar bears eh!!

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THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

# 1161. Re: [TS-850_450_690] Happy 4th of July

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-04 22:33:34 UTC
From: Zack Widup
Topic: 1156  Message: 1161

On Fri, 4 Jul 2003, Max wrote:

> Just wanted to wish all my American neighbors a Happy 4th of July!!
>
> Max
>

Thanks, Max!

I made my first QSO on 60 meters yesterday with the TS-850. Should be interesting to observe propagation on that band.

73, Zack W9SZ

# 1162. Re: [TS-850_450_690] Re: Happy 4th of July

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-04 22:38:01 UTC
From: Zack Widup
Topic: 1156  Message: 1162

On Fri, 4 Jul 2003, Max wrote:

> --- In TS-850_450_690@yahoogroups.com, "Sarge" <sarge43@e...> wrote:
> > Thanks !!! But isn't it the 4th of July there too?
>
> We celebrate Canada Day July 1. We all sit around the fire in our
> touques drinking beer and telling stories about polar bears eh!!
>

Do you cook up some back bacon, too? :)

# 1163. TS-690S FOR SALE

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-04 21:59:43 UTC
From: n7ioh
Topic: 1163  Message: 1163

I have for sale, TS-690S with optional AT-450 automatic antenna tuner installed. The radio covers all Amateur bands from 160 Meters to 6 Meters and has had the MARS/CAP modification done. This radio is really just like new, a 10 all the way. The eHam reviews rate this radio a 4.7 out of 5. There is not one scratch or mark on the radio. Radio works great and has the following options and accessories. New spare Lithium battery, TU-8 CTCSS tone unit, Kenwood Service Manual, original owner's manual, two INRAD 2.1 SSB filters (cost me $241), original mic, and the MB-430 mobile bracket. I have never used the optional AT-450 automatic antenna tuner. Bought the tuner before they became obsolete and just installed it about 1 year ago. I don't think I even cut the internal wire needed for it to operate. I use only ladder line with a Heathkit SA-2060 tuner. The radio has never been mobile, bought the bracket off eHam about 4 months ago but I have never used it. I have all the original boxes. I am single and a non-smoker so the radio has not been around smoke or kids at all. I had the Yaesu FT-102 and now operate the JRC JST-245. This radio has always been my backup radio so it has really seen only limited use. I am the original owner and I have always kept it covered up when not needed. Asking $850.00 for this radio that is absolutely mint. Please contact me by e-mail.

Al N7IOH

# 1164. DDS - meaning and function

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-05 21:57:20 UTC
From: Dennis, low budget dxer from the Philipp
Topic: 1164  Message: 1164

July 5, 2003

Hello All !

Can someone tell me what the abbreviation DDS stands for? And what is its function? How come some radio have it and others don't?

Would really appreciate inputs here

Thanks

Dennis Ls. M. Cruz
the Philippines

# 1165. Re: [TS-850_450_690] DDS - meaning and function

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-07 00:48:05 UTC
From: Zack Widup
Topic: 1164  Message: 1165

Most likely it refers to "direct digital synthesis" - instead of
phase-locking an oscillator to some portions of a reference crystal
oscillator, voltage values of portions of a sine wave (or other wave)
are fed to a D/A converter and a waveform is directly synthesized.

73, Zack W9SZ

"Dennis, low budget dxer from the Philippines" wrote:
>
> July 5, 2003
>
> Hello All !
>
> Can someone tell me what the abbreviation DDS stands for? And what is
> its function? How come some radio have it and others don't?
>
> Would really appreciate inputs here
>
> Thanks
>
> Dennis Ls. M. Cruz
> the Philippines

# 1166. Re: [TS-850_450_690] DDS - meaning and function

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-07 15:51:54 UTC
From: Bill
Topic: 1164  Message: 1166

Direct Digital Synthesis.

It's a way of generating signals without using VFOs (too drifty) or PLL/VCO/DIVIDER schemes (too noisy, not enough resolution for smooth tuning).

All the newer rigs have at least one DDS source in them, usually for the VFO function.

Some rigs don't have them for cost reasons, or because DDS was not developed for radio when the radio was designed or they were too expensive to put in.

DDS is basically just a ROM (Read Only Memory) that outputs data as it's sequential addresses are read by a serial or parallel data stream; this output data is in parallel form, from 16 to I believe a max of 32 bits. This parallel "word" then goes to a "digital to analog converter" which is nothing more than a resistor network and filter, that converts the output of the ROM to a waveform of some sort. Most often in radio the waveform is a "sine" wave, but it can be any waveform at all. DDS finds applications in cell telephony, music, high-end audiophile devices, all sorts of things.

The same chip used in your ham radio may also be used in a medical device, lab signal generator or the keyboard at church.

73,

Bill

bill

--- "Dennis, low budget dxer from the Philippines" <stclaire@...> wrote:
> July 5, 2003
>
> Hello All !
>
> Can someone tell me what the abbreviation DDS stands
> for? And what is
> its function? How come some radio have it and others
> don't?
>

> Would really appreciate inputs here
>
> Thanks
>
> Dennis Ls. M. Cruz
> the Philippines
>
>

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# 1167. Re: [TS-850_450_690] Happy 4th of July

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-07 18:12:20 UTC
From: Bill
Topic: 1156  Message: 1167

Thanks Max and happy belated Canada Day to you.

You guys have a annual ham event for that too don't
you?

we should get more involved. Hey, Canada Day comes
right between FD and 7/4.. makes for nice party
week!!! hi

bill

--- Max <ve3tmt@...> wrote:
> Just wanted to wish all my American neighbors a
> Happy 4th of July!!
>
> Max
>
>

=====

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# 1168. Re: [TS-850_450_690] Re: Happy 4th of July

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-07 18:13:17 UTC
From: Bill
Topic: 1156  Message: 1168

eh it's a beauty! hehe

bill

--- Max <ve3tmt@...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "Sarge"
> <sarge43@e...> wrote:
> > Thanks !!! But isn't it the 4th of July there too?
>
> We celebrate Canada Day July 1. We all sit around
> the fire in our
> touques drinking beer and telling stories about
> polar bears eh!!
>
>

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# 1169. New Yahoo Group .....DXing For Fun and Contesting

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-08 04:47:28 UTC
From: A.Barbetta Jr
Topic: 1169  Message: 1169

Hello to all amateur radio friends.
I'm sending this invite to you to join a new
Yahoo Group that was started up in the last few days.
The name of the group is DXing For Fun and
Contesting.This group will be used to help all of us and
provide advice also to all of us.
This group is open to all hams and if you want to let
your friends know about to group
pass this url on to them. The url is
http://groups.yahoo.com/group/dxingforfun/
Thank You and 73

# 1170. Re: [TS-850_450_690] Digest Number 306

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-08 16:04:28 UTC
From: Tree
Topic: 1170  Message: 1170

> The same chip used in your ham radio may also be used
> in a medical device, lab signal generator or the
> keyboard at church.

Unless your rig is a TS850. Kenwood had their own dual
DDS chips made, the famous YM6331. It seemed they didn't
get the first ones quite right and most of them are either
dead now, or dying fast. They will charge you $28 each to
pay for their mistake (times four).

Tree N6TR
tree@...

# 1171. Problems with TS850SAT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-08 17:08:38 UTC
From: Mario Aviles
Topic: 1171  Message: 1171

Hi:

I am a new member, just approved by Bill. Glad to meet all of you.

I need your help in solving a problem. Yesterday as I was listening on my TS850SAT, suddenly the whole display turned off but I could still listen and transmit. I checked some of the other functions like the automatic antenna tuner and it worked fine. Apparently the display is the only problem.

Has anyone heard of a similar problem and can help me solve it.?

Best regards, 73 and DX

Mario /YS1MAE

[Non-text portions of this message have been removed]

# 1172. Re: [TS-850_450_690] Problems with TS850SAT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-08 17:18:38 UTC
From: Bill
Topic: 1171  Message: 1172

Mario, there is a DC-DC converter in the front panel
unit that generates the voltages needed for the
fluorescent display. I would suggest checking for
loss of 12v to this converter, or bad solderjoints
around it.

Will check into this more when I get to the shop.

bill K0ZL

--- Mario Aviles <mario.aviles@...>
wrote:
> Hi:
>
> I am a new member, just approved by Bill. Glad to
> meet all of you.
>
> I need your help in solving a problem. Yesterday as
> I was listening on my
> TS850SAT, suddenly the whole display turned off but
> I could still listen and
> transmit. I checked some of the other functions like
> the automatic antenna
> tuner and it worked fine. Apparently the display is
> the only problem.
>
> Has anyone heard of a similar problem and can help
> me solve it.?
>
> Best regards, 73 and DX
>
> Mario /YS1MAE
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

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# 1173. Possible DDS failure, TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-08 21:37:16 UTC
From: Dennis, low budget dxer from the Philipp
Topic: 1173  Message: 1173

July 9, 2003

Thanks Zack & Bill for the insight on the meaning and function of DDS.

The reason I asked is :

I know a friend living south of my island whose TS450 has been seating in the repair bench for more than 2 years now. The technician working on it don't have the service manual and this is how he had roughly describe the trouble of the rig :

The radio is more or less dead. He had manage to trace the problem on the Carrier Unit Board X50-3160-00. According to him there is no 455 kHz outout at Local Oscillator #4. Using a signal generator, the radio works fine. He believes that ic labeled on the schematic as CP3 & CP4 (D/A converters) are the culprit. I believe otherwise. Using the Service Manual of TS-850 which I have on file, those 2 IC's are connected to the big IC1 YM6631 which is the DDS chip. And from all the postings I have compiled, the DDS chip seems to be the culprit of this problem. Am I right to say that the DDS chip YM6631 is infact the problem not CP3 & CP4? Where can I order this part? Is there any "generic" replacement for this ic? (I doubt about the DDS chip but maybe the D/A converters CP3 & CP4 have).

I need comments on this one so I can confirm with them that it is the DDS chip not the D/A converters.

Many thanks in advance.

Dennis Ls. M. Cruz

P.S.

There is another guy in my island who also has a TS-450 with a different problem. I shall outline it later once we fix the above rig.

# 1174. Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-10 20:23:50 UTC
From: merckxist
Topic: 1174  Message: 1174

Just acquired a new, non-Kenwood, power supply. The manual for the TS-850 gives a voltage input range of 12-16 volts with 13.8V nominal.This power supply has a no load, and non adjustable output, of 16.32V.Drops to 15.85V with the 850 in rx, 13.7V at 100w cw.I'm a bit uncomfortable with the, borderline high, voltage supplied by this unit.Does any one have an opinion , or knowledge, as to the advisability of continuing the use of this ppower supply?
Al
KJ5GT

# 1175. Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-10 21:38:33 UTC
From: Max
Topic: 1174  Message: 1175

--- In TS-850_450_690@yahoogroups.com, "merckxist" <kj5gt@c...> wrote:
> Just acquired a new, non-Kenwood, power supply. The manual for the
> TS-850 gives a voltage input range of 12-16 volts with 13.8V
> nominal.This power supply has a no load, and non adjustable output,
of
> 16.32V.Drops to 15.85V with the 850 in rx, 13.7V at 100w cw.I'm a
bit
> uncomfortable with the, borderline high, voltage supplied by this
> unit.Does any one have an opinion , or knowledge, as to the
> advisability of continuing the use of this ppower supply?
> Al
> KJ5GT

Al,
I have both a homebrew 25A and a Kenwood PS52 supply I used on my
850. I ran them at 14V output. I would go as high as 14.5 but I
would be a little leary around 16V. Can you turn it down internally?

Max

# 1176. Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-10 22:04:04 UTC
From: merckxist
Topic: 1174  Message: 1176

Unfortunately there is no provision, internally or externally, to adjust the output of this particular supply. Was made for a commercial rig that has a wider input voltage range than most ham gear.I'm inclined to not use this unit for my 850, since I don't know if it's safe, long term.I don't want to zap anything in the 850.
Al
KJ5GT

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "merckxist" <kj5gt@c...> wrote:
> > Just acquired a new, non-Kenwood, power supply. The manual for the
> > TS-850 gives a voltage input range of 12-16 volts with 13.8V
> > nominal.This power supply has a no load, and non adjustable output,
> of
> > 16.32V.Drops to 15.85V with the 850 in rx, 13.7V at 100w cw.I'm a
> bit
> > uncomfortable with the, borderline high, voltage supplied by this
> > unit.Does any one have an opinion , or knowledge, as to the
> > advisability of continuing the use of this ppower supply?
> > Al
> > KJ5GT
>
> Al,
> I have both a homebrew 25A and a Kenwood PS52 supply I used on my
> 850. I ran them at 14V output. I would go as high as 14.5 but I
> would be a little leary around 16V. Can you turn it down internally?
>
> Max

# 1177. Re: [TS-850_450_690] Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-11 00:58:49 UTC
From: Bill
Topic: 1174  Message: 1177

I am leery of the voltage drop; indicates poor or no
regulation. Heck, may as well use a car battery.

What brand is it?

bill

--- Max <ve3tmt@...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "merckxist"
> <kj5gt@c...> wrote:
> > Just acquired a new, non-Kenwood, power supply.
> The manual for the
> > TS-850 gives a voltage input range of 12-16 volts
> with 13.8V
> > nominal.This power supply has a no load, and non
> adjustable output,
> of
> > 16.32V.Drops to 15.85V with the 850 in rx, 13.7V
> at 100w cw.I'm a
> bit
> > uncomfortable with the, borderline high, voltage
> supplied by this
> > unit.Does any one have an opinion , or knowledge,
> as to the
> > advisability of continuing the use of this ppower
> supply?
> > Al
> > KJ5GT
>
> Al,
> I have both a homebrew 25A and a Kenwood PS52 supply
> I used on my
> 850. I ran them at 14V output. I would go as high
> as 14.5 but I
> would be a little leary around 16V. Can you turn it
> down internally?
>
> Max
>
>

=====

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# 1178. Re: [TS-850_450_690] Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-11 01:34:15 UTC
From: Paul Manuel
Topic: 1174  Message: 1178

--- merckxist <kj5gt@...> wrote:
> Unfortunately there is no provision, internally or externally, to
> adjust the output of this particular supply. Was made for a commercial
> rig that has a wider input voltage range than most ham gear.I'm
> inclined to not use this unit for my 850, since I don't know if it's
> safe, long term.I don't want to zap anything in the 850.

Did you measure the voltage at the rig end of the power cord? The cord
might be so long as to drop enough voltage to make you feel better...
But I would also advise you not to use it. The regulation is not too good,
either.
73,
Paul K4PDM

_____
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# 1179. Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-11 02:02:35 UTC
From: MM0ANT
Topic: 1174  Message: 1179

Another slant on this problem is to make the PSU "better" until you
get a replacement. How about putting a couple of high current diodes
in series with the power lead. This will drop approximately 1.2v at
all times, therefore dropping the no-load voltage to about 15v and the
CW TX load to about 12v. This is probably acceptable under most
circumstances as it is well below the recommended maximum for the 850
and still decent at full load. Regulation is terrible as already mentioned, just like
that of a car-battery without the engine running; the voltages shown above
aren't far different from a car battery in reality. Make sure the diodes are fully
capable of 30-50A to be on the safe side. A power bridge rectifier should cost
no more than $5 for this. Wire the PSU +ve to the bridge -ve and the power lead
+ve to the bridge +ve for a nice 50A 1.2v dropper. Completely ignore the AC pins.
(Draw a bridge if you didn't follow that!)

Personally I would still say "Get another PSU" but in the mean time this
one should be safe enough to use given a bit of thought. It's not the best
option but certainly one I would use given an urgent need. Just watch the TX is
clean and not chirping at heavy load.

Any opinions folks?

Rv!
www.MM0ANT.co.uk

"No one knows what he can do until he tries."Publilius Syrus

[Non-text portions of this message have been removed]

# 1180. Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-11 02:14:31 UTC
From: merckxist
Topic: 1174  Message: 1180

Bill,
I was not going to mention the brand , but, since you asked, it's an
SGC PS-30.Rated for 30-40 A.Made for the SG2000 commercial/marine
rig.Very solidly built, but It's performance is not what I expected.
Al
KJ5GT

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> I am leery of the voltage drop; indicates poor or no
> regulation. Heck, may as well use a car battery.
>
> What brand is it?
>
> bill
>
> --- Max <ve3tmt@y...> wrote:
> > --- In TS-850_450_690@yahoogroups.com, "merckxist"
> > <kj5gt@c...> wrote:
> > > Just acquired a new, non-Kenwood, power supply.
> > The manual for the
> > > TS-850 gives a voltage input range of 12-16 volts
> > with 13.8V
> > > nominal.This power supply has a no load, and non
> > adjustable output,
> > of
> > > 16.32V.Drops to 15.85V with the 850 in rx, 13.7V
> > at 100w cw.I'm a
> > bit
> > > uncomfortable with the, borderline high, voltage
> > supplied by this
> > > unit.Does any one have an opinion , or knowledge,
> > as to the
> > > advisability of continuing the use of this ppower
> > supply?
> > > Al
> > > KJ5GT
> >
> > Al,
> > I have both a homebrew 25A and a Kenwood PS52 supply
> > I used on my
> > 850. I ran them at 14V output. I would go as high
> > as 14.5 but I
> > would be a little leary around 16V. Can you turn it
> > down internally?
> >

> > Max
> >
> >
>
>
> =====
>
> see our website www.amateur-repairs.com
>
>
> _____
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# 1181. Re: [TS-850_450_690] Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-11 03:42:55 UTC
From: Bill
Topic: 1174  Message: 1181

Wow that is wierd... SGC known for high quality stuff.
Guess their marine rig not too fussy.

The 850 would be ok at the higher voltage, but with
lack of regulation I worry about the ac line going
high on ya.

b

--- merckxist <kj5gt@...> wrote:
> Bill,
> I was not going to mention the brand , but, since
> you asked, it's an
> SGC PS-30.Rated for 30-40 A.Made for the SG2000
> commercial/marine
> rig.Very solidly built, but It's performance is not
> what I expected.
> Al
> KJ5GT
>
> --- In TS-850_450_690@yahoogroups.com, Bill
> <coorsbill@y...> wrote:
> > I am leery of the voltage drop; indicates poor or
> no
> > regulation. Heck, may as well use a car battery.
> >
> > What brand is it?
> >
> > bill
> >
> > --- Max <ve3tmt@y...> wrote:
> > > --- In TS-850_450_690@yahoogroups.com,
> "merckxist"
> > > <kj5gt@c...> wrote:
> > > > Just acquired a new, non-Kenwood, power
> supply.
> > > > The manual for the
> > > > TS-850 gives a voltage input range of 12-16
> volts
> > > > with 13.8V
> > > > nominal.This power supply has a no load, and
> non
> > > > adjustable output,
> > > > of
> > > > 16.32V.Drops to 15.85V with the 850 in rx,
> 13.7V

> > > at 100w cw.I'm a
> > > bit
> > > > uncomfortable with the, borderline high,
> voltage
> > > supplied by this
> > > > unit.Does any one have an opinion , or
> knowledge,
> > > as to the
> > > > advisability of continuing the use of this
> ppower
> > > supply?
> > > > Al
> > > > KJ5GT
> > >
> > > Al,
> > > I have both a homebrew 25A and a Kenwood PS52
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> > > I used on my
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> > > as 14.5 but I
> > > would be a little leary around 16V. Can you
> turn it
> > > down internally?
> > >
> > > Max
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> > =====
> >
> > see our website www.amateur-repairs.com
> >
> >
> > _____________________________________
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>

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# 1182. Re: [TS-850_450_690] Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-11 03:54:13 UTC
From: Zack Widup
Topic: 1174  Message: 1182

I'd recommend one of two things - either get another power supply or put in a bunch of pass transistors to regulate it to 13 volts or so. The trouble with the pass transistors is they throw away so much power as heat.

73, Zack W9SZ

On Thu, 10 Jul 2003, merckxist wrote:

> Unfortunately there is no provision, internally or externally, to
> adjust the output of this particular supply. Was made for a commercial
> rig that has a wider input voltage range than most ham gear.I'm
> inclined to not use this unit for my 850, since I don't know if it's
> safe, long term.I don't want to zap anything in the 850.
> Al
> KJ5GT
>

# 1183. Re: [TS-850_450_690] Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-11 03:54:03 UTC
From: Bill
Topic: 1174  Message: 1183

only if you run RTTY or FM...

Astron runs 22v unreg, 14 out, diff is 8 volts, rig
draws 2 amps on RX so that's 16 watts wasted in RX,
slightly more, say 5 amps average on ssb, so that's 40
watts on TX.. not too bad.

Switcher's way more efficient, but when they break I
can't fix 'em.

b

--- Zack Widup <w9sz@...> wrote:
> I'd recommend one of two things - either get another
> power supply or put
> in a bunch of pass transistors to regulate it to 13
> volts or so. The
> trouble with the pass transistors is they throw away
> so much power as
> heat.
>
> 73, Zack W9SZ
>
>
> On Thu, 10 Jul 2003, merckxist wrote:
>
> > Unfortunately there is no provision, internally or
> externally, to
> > adjust the output of this particular supply. Was
> made for a commercial
> > rig that has a wider input voltage range than most
> ham gear.I'm
> > inclined to not use this unit for my 850, since I
> don't know if it's
> > safe, long term.I don't want to zap anything in
> the 850.
> > Al
> > KJ5GT
> >
>
>

=====

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# 1184. Re: [TS-850_450_690] Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-11 05:29:51 UTC
From: Al n7ioh
Topic: 1174  Message: 1184

Al, I have been looking for a new power supply and was considering a switching supply until I read the ARRL reviews in January 2000 QST. It looks like they all exhibit broadband noise that can be picked up by your radio. This is more true of some then of others. The best one they tested in my opinion was the Astron SS-30M. It seemed to have the least amount of noise and only below about 7 or 8 MHz or out of the Amateur bands. I like the lower bands so I guess I won't be buying a switching power supply. Right now I have the Astron RS-70M but want a smaller one that I can take with me that doesn't weigh quits so much, 46 lbs. I am now looking at the Astron RS-35M, weight is about 25 lbs. I like the Astron linear power supplies, very rugged units. There is only one thing that I have heard that they need to have done to them. They need to have a fast blow fuse of the same amperage as the supply added between the positive lead from the filter caps and the over-voltage SCR circuit. Evidently the SCR's can't take the surge from the caps in a failure and it causes extensive damage when it goes. Just thought I would relate this information for whoever might be interested.

Al N7IOH
----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, July 10, 2003 8:54 PM
Subject: Re: [TS-850_450_690] Re: Power supply question

only if you run RTTY or FM...

Astron runs 22v unreg, 14 out, diff is 8 volts, rig
draws 2 amps on RX so that's 16 watts wasted in RX,
slightly more, say 5 amps average on ssb, so that's 40
watts on TX.. not too bad.

Switcher's way more efficient, but when they break I
can't fix 'em.

b

--- Zack Widup <w9sz@...> wrote:
> I'd recommend one of two things - either get another
> power supply or put
> in a bunch of pass transistors to regulate it to 13
> volts or so. The
> trouble with the pass transistors is they throw away
> so much power as
> heat.
>
> 73, Zack W9SZ
>
>

> On Thu, 10 Jul 2003, merckxist wrote:
>
> > Unfortunately there is no provision, internally or
> externally, to
> > adjust the output of this particular supply. Was
> made for a commercial
> > rig that has a wider input voltage range than most
> ham gear.I'm
> > inclined to not use this unit for my 850, since I
> don't know if it's
> > safe, long term.I don't want to zap anything in
> the 850.
> > Al
> > KJ5GT
> >
>
>

=====

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[Non-text portions of this message have been removed]

# 1185. Re: [TS-850_450_690] Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-11 13:54:49 UTC
From: Paul Manuel
Topic: 1174  Message: 1185

--- Al n7ioh <n7ioh@...> wrote:
> Al, I have been looking for a new power supply and was considering a
> switching supply until I read the ARRL reviews in January 2000 QST. It
> looks like they all exhibit broadband noise that can be picked up by
> your radio. This is more true of some then of others. The best one
> they tested in my opinion was the Astron SS-30M. It seemed to have the
> least amount of noise and only below about 7 or 8 MHz or out of the
> Amateur bands.

I can't say that I have done a scientific study, but in about a year of use I have not noticed any noise that could be traced to my SS-30M. I operate mostly 40 meters.
73,
Paul K4PDM

_____
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# 1186. Re: power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-11 17:08:33 UTC
From: merckxist
Topic: 1186  Message: 1186

Thanks to all who replied to my original question.I think my best course of action is to accept the fact that I made another expensive mistake in the purchase of the SGC supply and return it for exchange to AES.I did expect better performance, but the SG2000 specification says 11.5-18V power input,so, for an SG2000, it's an acceptable unit. But for other ham gear it's probably not a good idea to use one.
Thanks all,
AL
KJ5GT

# 1187. Various questions

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-11 17:34:32 UTC
From: Mario Aviles
Topic: 1187  Message: 1187

Hi Group.

My rig is a TS850Sat and have 3 questions. I would like to build myself a 232 interface for computer control of the radio. I've seen several diagrams, one which uses only a resistor and diode and others using de MAX232 chip. Any suggestions or recommendations? Also, I noticed that the Rig control connector is shared by the DSP100. How do I connect the interface with the DSP100 using the socket? Any conflicts? And finally, I have a SM220 scope without the pan adapter. Is there a circuit available to turn the SM220 into a pan display for the 850?

Thanks very much

Mario

[Non-text portions of this message have been removed]

# 1188. Re: [TS-850_450_690] Various questions

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-11 18:53:32 UTC
From: Zack Widup
Topic: 1187  Message: 1188

You can't go wrong with the MAX232 chip. I'd recommend that. That's what
I use.

I'm not sure about the other two questions.

73, Zack W9SZ

On Fri, 11 Jul 2003, Mario Aviles wrote:

> Hi Group.
>
> My rig is a TS850Sat and have 3 questions. I would like to build myself a
> 232 interface for computer control of the radio. I've seen several diagrams,
> one which uses only a resistor and diode and others using de MAX232 chip.
> Any suggestions or recommendations? Also, I noticed that the Rig control
> connector is shared by the DSP100. How do I connect the interface with the
> DSP100 using the socket? Any conflicts? And finally, I have a SM220 scope
> without the pan adapter. Is there a circuit available to turn the SM220 into
> a pan display for the 850?
>
> Thanks very much
>
> Mario
>

# 1189. Re: Various questions

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-11 20:49:34 UTC
From: Max
Topic: 1187  Message: 1189

My rig is a TS850Sat and have 3 questions. I would like to build myself a 232 interface for computer control of the radio. I've seen several diagrams, one which uses only a resistor and diode and others using de MAX232 chip. Any suggestions or recommendations?

Use the MAX232A chip. Very easy to build. In fact I have one for sale if anyone is interested.

Also, I noticed that the Rig control connector is shared by the DSP100. How do I connect the interface with the DSP100 using the socket? Any conflicts?

Never had a DSP100, up here in Canada they sell for the price of a small family sedan!

And finally, I have a SM220 scope without the pan adapter. Is there a circuit available to turn the SM220 into a pan display for the 850?

You want the BS8 pan adapter. I see the SM220's selling on eBay all the time BS8, and occasionally you see the adapter separate.

Sad to say, but I am no longer the owner of my coveted TS850. I have traded it for another HF rig which shall remain nameless, but I will tell you it starts with a Y**** and has the number FT920 on it! Still playing around but enjoying it. Of course if the budget allows I wouldn't hesitate to grab another 850.

Max

# 1190. TS-850SAT versus FT-920

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-13 07:04:35 UTC
From: Dave W8NF
Topic: 1190  Message: 1190

Max,

Regarding trading in your TS-850SAT for the
Yitriumzonix (I assume that's what Y**** meant ;)
FT-920, enquiring minds want to know?

What drove you to making the decision to trade in the
'850? Were you able to cash out a bit, or was there
some feature on the Yitriumzonix rig that you really,
really wanted?

Those of us who never get to visit a ham store depend
on individual amateurs' comparisons of one rig to
another, so I'm all ears. Well, OK, maybe not ALL
ears. Lately, the belly part of me is starting to
dominate more than I would like....

w8nf

==========

Sad to say, but I am no longer the owner of my coveted
TS850. I have
traded it for another HF rig which shall remain
nameless, but I will
tell you it starts with a Y**** and has the number
FT920 on it!
Still playing around but enjoying it. Of course if
the budget allows
I wouldn't hesitate to grab another 850.

Max

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# 1191. Switching power supplies

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-13 07:13:59 UTC
From: Dave W8NF
Topic: 1191  Message: 1191

For years, there was skepticism in ham circles that switch-mode power supplies (SMPS) belonged in ham radio. Today there are lots of them.

I have had a couple, and been disappointed. But then, I like 160 meters. Typically, when I try an SMPS, I hear carriers on 160 meters at S9 to S9+20dB, depending on the power supply. They are frequency-unstable, and sometimes have a bit of bandwidth, and sometimes are more pure. The spacing depends, of course, on the SMPS' switching frequency. The spurs are also loud on 80 meters. On 40 meters, sometimes I hear them and sometimes not.

A buddy of mine bought an SMPS from Radio Shack and told me it's very quiet. No noise. We looked at the output on an oscilloscope and it was no better than my SMPS. This did not make sense. This buddy also is a 160 meter enthusiast - in fact he does weaker signal work than I do, so his station should be MORE sensitive to noise.

So I borrowed his SMPS. I heard lots of noise. What??? So I lent him my "noisy" SMPS. On his station, he could not hear the noise of my power supply, that to me was too noisy. So I gave him my radio!!! He and I (at the time) both used Icom IC-735s, so I was quite puzzled why his IC-735 did not hear the same noise mine did.

His report was quite strange. HIS Icom IC-735 on his antenna, did not hear either power supply. My IC-735 on his antenna, also did not hear either power supply. However, either 735, connected to NO antenna, heard BOTH supplies, just as loudly as my IC-735 heard both supplies in my shack.

I then bought my TS-850SAT, figuring that there was something really goofy about the Icom IC-735, maybe it had poor power supply rejection filtering. Nope. My Kenwood TS-850SAT heard the power supply just as strongly as the IC-735 did - in my station. Over at his station, the TS-850 could still hear the supply but not as strongly as at my station.

I gave up and bought a linear Astron supply.

So, whether a given switching power supply will be "too noisy" for your installation is - well - not a gamble probably, but it is clear that I have not figured out how to predict how quiet a power supply needs to be in my situation!

W8NF

_____
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# 1192. Re: [TS-850_450_690] TS-850SAT versus FT-920

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-13 14:14:24 UTC
From: Zack Widup
Topic: 1190  Message: 1192

I got to use a TS-2000 on Field Day. It was the AO-40 rig. I really didn't like it. I still don't like the menu-driven radios. It took the OWNER 5 minutes to figure out how to get it to work on CW and he never did figure out how to get the sidetone turned on. And he's had the rig for a year.

The only feature I liked about the radio was the "tracking split" feature. This would only be useful on satellites. The transmit frequency changes by the same amount the receive frequency changes when you tune around, so you will (hopefully) be transmitting on the appropriate uplink frequency to net with the station you're calling or working.

I'm sticking with the 850 for now. I haven't seen a better receiver; there may be a couple equals but they didn't seem better than the 850.

73, Zack W9SZ

On Sun, 13 Jul 2003, Dave W8NF wrote:

> Max,
>
> Regarding trading in your TS-850SAT for the
> Yitriumzonix (I assume that's what Y**** meant ;)
> FT-920, enquiring minds want to know?
>
> What drove you to making the decision to trade in the
> '850? Were you able to cash out a bit, or was there
> some feature on the Yitriumzonix rig that you really,
> really wanted?
>
> Those of us who never get to visit a ham store depend
> on individual amateurs' comparisons of one rig to
> another, so I'm all ears. Well, OK, maybe not ALL
> ears. Lately, the belly part of me is starting to
> dominate more than I would like....
>
> w8nf

# 1193. Re: [TS-850_450_690] Switching power supplies

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-13 16:14:07 UTC
From: Al n7ioh
Topic: 1191  Message: 1193

Dave, out of curiosity, have you put the Astron linear power supply on the scope to see how it compares? Also which Astron supply did you get? I have the RS-70M and I am considering buying the smaller RS-35M.

Al N7IOH
----- Original Message -----
From: Dave W8NF
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, July 13, 2003 12:13 AM
Subject: [TS-850_450_690] Switching power supplies

For years, there was skepticism in ham circles that switch-mode power supplies (SMPS) belonged in ham radio. Today there are lots of them.

I have had a couple, and been disappointed. But then, I like 160 meters. Typically, when I try an SMPS, I hear carriers on 160 meters at S9 to S9+20dB, depending on the power supply. They are frequency-unstable, and sometimes have a bit of bandwidth, and sometimes are more pure. The spacing depends, of course, on the SMPS' switching frequency. The spurs are also loud on 80 meters. On 40 meters, sometimes I hear them and sometimes not.

A buddy of mine bought an SMPS from Radio Shack and told me it's very quiet. No noise. We looked at the output on an oscilloscope and it was no better than my SMPS. This did not make sense. This buddy also is a 160 meter enthusiast - in fact he does weaker signal work than I do, so his station should be MORE sensitive to noise.

So I borrowed his SMPS. I heard lots of noise. What??? So I lent him my "noisy" SMPS. On his station, he could not hear the noise of my power supply, that to me was too noisy. So I gave him my radio!!! He and I (at the time) both used Icom IC-735s, so I was quite puzzled why his IC-735 did not hear the same noise mine did.

His report was quite strange. HIS Icom IC-735 on his antenna, did not hear either power supply. My IC-735 on his antenna, also did not hear either power supply. However, either 735, connected to NO antenna, heard BOTH supplies, just as loudly as my IC-735 heard both

supplies in my shack.

I then bought my TS-850SAT, figuring that there was something really goofy about the Icom IC-735, maybe it had poor power supply rejection filtering. Nope. My Kenwood TS-850SAT heard the power supply just as strongly as the IC-735 did - in my station. Over at his station, the TS-850 could still hear the supply but not as strongly as at my station.

I gave up and bought a linear Astron supply.

So, whether a given switching power supply will be "too noisy" for your installation is - well - not a gamble probably, but it is clear that I have not figured out how to predict how quiet a power supply needs to be in my situation!

W8NF

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[Non-text portions of this message have been removed]

# 1194. Re: TS-850SAT versus FT-920

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-13 19:26:36 UTC
From: Max
Topic: 1190  Message: 1194

--- In TS-850_450_690@yahoogroups.com, Dave W8NF <w8nflists@y...>
wrote:
> Max,
>
> Regarding trading in your TS-850SAT for the
> Yitriumzonix (I assume that's what Y**** meant ;)
> FT-920, enquiring minds want to know?
>
> What drove you to making the decision to trade in the
> '850? Were you able to cash out a bit, or was there
> some feature on the Yitriumzonix rig that you really,
> really wanted?
>
> Those of us who never get to visit a ham store depend
> on individual amateurs' comparisons of one rig to
> another, so I'm all ears. Well, OK, maybe not ALL
> ears. Lately, the belly part of me is starting to
> dominate more than I would like....
>
> w8nf

Dave,

I guess I was just itching to try something new. The 850 worked very well, but I was interested in 6m. I'll admit the 920 doesn't sound as nice as the 850, but the receiver is pretty good. Clear easy copy on signals that don't even register on the s-meter. Interfaced very easily with my PC for digital work, have the FM board coming, still need an AM filter. The thing I miss most about the 850 is the filter selection in any mode. But who knows, I may pick up another 850 if the price is right.

Max

# 1195. Re: [TS-850_450_690] TS-850SAT versus FT-920

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-14 01:36:34 UTC
From: Paul Manuel
Topic: 1190  Message: 1195

--- Dave W8NF <w8nflists@...> wrote:
> What drove you to making the decision to trade in the
> '850? Were you able to cash out a bit, or was there
> some feature on the Yitriumzonix rig that you really,
> really wanted?

Some of us are sorely tempted by the flashy DSP rigs that have been introduced since the 850 came out, myself included. So far I have been able to resist the temptation! My logical side says "They don't make 'em like they used to," as I remember the tremendous receiver and transmit/receive audio on the 850. In QST reviews, the blocking dynamic range numbers of the 850 are only beginning to be approached by the new DSP radios.
However, we are not always logical! Right now I feel that the only reason I would get rid of the 850 is for the convenience of HF/VHF/and maybe UHF in the same rig. And then, I hear one of those whizz-bang rigs on the air...with a broadcast mic, equalizer, compressor hooked to it...still not sounding as good as an 850.
And again, for a while, I am content...
73,
Paul K4PDM

_____
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# 1196. Re: [TS-850_450_690] TS-850SAT versus FT-920

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-14 02:29:41 UTC
From: Bill
Topic: 1190  Message: 1196

I just don't like the rubber keys. Never have. Put
up with 'em on the HTs but not on the HF rigs... Give
me hard plastic or metal.

It takes a little training with these rigs to run
modes other than what you are used to. I even carry
a copy of the menu commands for the 850 in a plastic
slip sheet in the Field Day packet.

My second field day started off with a training
meeting the month before, where we actually ran thru
some simulated QSOs so the older ops could show us how
to not waste time, dupe correctly, etc.. using code
oscillators... It was quite fun and 3 hours had gone
by before we knew it. A week before we took our rigs
over to a guy's house and hooked them up and
cross-trained on them. Paid off, as we would switch
off operators and didn't have to ask questions about
how to tune the rigs etc.. and there were no damaged
rigs that year!

bill
--- Zack Widup <w9sz@...> wrote:
> I got to use a TS-2000 on Field Day. It was the
> AO-40 rig. I really
> didn't like it. I still don't like the menu-driven
> radios. It took the
> OWNER 5 minutes to figure out how to get it to work
> on CW and he never did
> figure out how to get the sidetone turned on. And
> he's had the rig for a
> year.
>
> The only feature I liked about the radio was the
> "tracking split" feature.
> This would only be useful on satellites. The
> transmit frequency changes
> by the same amount the receive frequency changes
> when you tune around, so
> you will (hopefully) be transmitting on the
> appropriate uplink frequency
> to net with the station you're calling or working.
>
> I'm sticking with the 850 for now. I haven't seen a
> better receiver;
> there may be a couple equals but they didn't seem

> better than the 850.
>
> 73, Zack W9SZ
>
>
> On Sun, 13 Jul 2003, Dave W8NF wrote:
>
> > Max,
> >
> > Regarding trading in your TS-850SAT for the
> > Yitriumzonix (I assume that's what Y**** meant ;)
> > FT-920, enquiring minds want to know?
> >
> > What drove you to making the decision to trade in
> the
> > '850? Were you able to cash out a bit, or was
> there
> > some feature on the Yitriumzonix rig that you
> really,
> > really wanted?
> >
> > Those of us who never get to visit a ham store
> depend
> > on individual amateurs' comparisons of one rig to
> > another, so I'm all ears. Well, OK, maybe not ALL
> > ears. Lately, the belly part of me is starting to
> > dominate more than I would like....
> >
> > w8nf
>
>

=====

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---
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# 1197. Re: [TS-850_450_690] Switching power supplies

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-14 02:37:16 UTC
From: Bill
Topic: 1191  Message: 1197

The Astrons typically run less than 5 mv p-p of noise
on their outputs; slightly more with load.

bill

--- Al n7ioh <n7ioh@...> wrote:
> Dave, out of curiosity, have you put the Astron
> linear power supply on the scope to see how it
> compares? Also which Astron supply did you get? I
> have the RS-70M and I am considering buying the
> smaller RS-35M.
>
> Al N7IOH
> ----- Original Message -----
> From: Dave W8NF
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, July 13, 2003 12:13 AM
> Subject: [TS-850_450_690] Switching power supplies
>
>
> For years, there was skepticism in ham circles
> that
> switch-mode power supplies (SMPS) belonged in ham
> radio. Today there are lots of them.
>
> I have had a couple, and been disappointed. But
> then,
> I like 160 meters. Typically, when I try an SMPS,
> I
> hear carriers on 160 meters at S9 to S9+20dB,
> depending on the power supply. They are
> frequency-unstable, and sometimes have a bit of
> bandwidth, and sometimes are more pure. The
> spacing
> depends, of course, on the SMPS' switching
> frequency.
> The spurs are also loud on 80 meters. On 40
> meters,
> sometimes I hear them and sometimes not.
>
> A buddy of mine bought an SMPS from Radio Shack
> and
> told me it's very quiet. No noise. We looked at
> the
> output on an oscilloscope and it was no better

> than my
> SMPS. This did not make sense. This buddy also
> is a
> 160 meter enthusiast - in fact he does weaker
> signal
> work than I do, so his station should be MORE
> sensitive to noise.
>
> So I borrowed his SMPS. I heard lots of noise.
> What??? So I lent him my "noisy" SMPS. On his
> station, he could not hear the noise of my power
> supply, that to me was too noisy. So I gave him
> my
> radio!!! He and I (at the time) both used Icom
> IC-735s, so I was quite puzzled why his IC-735 did
> not
> hear the same noise mine did.
>
> His report was quite strange. HIS Icom IC-735 on
> his
> antenna, did not hear either power supply. My
> IC-735
> on his antenna, also did not hear either power
> supply.
> However, either 735, connected to NO antenna,
> heard
> BOTH supplies, just as loudly as my IC-735 heard
> both
> supplies in my shack.
>
> I then bought my TS-850SAT, figuring that there
> was
> something really goofy about the Icom IC-735,
> maybe it
> had poor power supply rejection filtering. Nope.
> My
> Kenwood TS-850SAT heard the power supply just as
> strongly as the IC-735 did - in my station. Over
> at
> his station, the TS-850 could still hear the
> supply
> but not as strongly as at my station.
>
> I gave up and bought a linear Astron supply.
>
> So, whether a given switching power supply will be
> "too noisy" for your installation is - well - not
> a
> gamble probably, but it is clear that I have not
> figured out how to predict how quiet a power

> supply
> needs to be in my situation!
>
> W8NF
>
> _____
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>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to the Yahoo!
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>
>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system
> (http://www.grisoft.com).
> Version: 6.0.498 / Virus Database: 297 - Release
> Date: 7/8/2003
>
> [Non-text portions of this message have been
> removed]
>
>
>

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# 1198. Re: [TS-850_450_690] TS-850SAT versus FT-920

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-14 12:35:18 UTC
From: Bill
Topic: 1190  Message: 1198

Something about the grass and the fence comes to
mind.. hmmmm

The 850 sounds awesome with a vhf converter, even a
cheap converters sound good on the 850.

b

--- Paul Manuel <k4pdm@...> wrote:
>
> --- Dave W8NF <w8nflists@...> wrote:
> > What drove you to making the decision to trade in
> the
> > '850? Were you able to cash out a bit, or was
> there
> > some feature on the Yitriumzonix rig that you
> really,
> > really wanted?
>
> Some of us are sorely tempted by the flashy DSP rigs
> that have been
> introduced since the 850 came out, myself included.
> So far I have been
> able to resist the temptation! My logical side says
> "They don't make 'em
> like they used to," as I remember the tremendous
> receiver and
> transmit/receive audio on the 850. In QST reviews,
> the blocking dynamic
> range numbers of the 850 are only beginning to be
> approached by the new
> DSP radios.
> However, we are not always logical! Right now I feel
> that the only reason
> I would get rid of the 850 is for the convenience of
> HF/VHF/and maybe UHF
> in the same rig. And then, I hear one of those
> whizz-bang rigs on the
> air...with a broadcast mic, equalizer, compressor
> hooked to it...still not
> sounding as good as an 850.
> And again, for a while, I am content...
> 73,
> Paul K4PDM
>
> _____

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>

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# 1199. Re: [TS-850_450_690] TS-850SAT versus FT-920

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-14 13:41:56 UTC
From: Duncan Cameron
Topic: 1190  Message: 1199

Bill- and the group.....I used to have an Icom 746 and enjoyed 6 meters very much. Can someone suggest a converter that would match nicely with the 850?
Thanks
Scott Cameron
>From: Bill <coorsbill@...>
>Reply-To: TS-850_450_690@yahoogroups.com
>To: TS-850_450_690@yahoogroups.com
>Subject: Re: [TS-850_450_690] TS-850SAT versus FT-920
>Date: Mon, 14 Jul 2003 05:35:18 -0700 (PDT)
>
>Something about the grass and the fence comes to
>mind.. hmmmm
>
>The 850 sounds awesome with a vhf converter, even a
>cheap converters sound good on the 850.
>
>b

---------------------------------------------------------------------
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# 1200. Re: [TS-850_450_690] TS-850SAT versus FT-920

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-14 14:57:37 UTC
From: Zack Widup
Topic: 1190  Message: 1200

Check out Down East Microwave's products:
http://www.downeastmicrowave.com

Steve also has an interface especially designed for the TS-850 for transverter interfacing so you don't have to modify the radio and can still use it on HF when you're not on the transverter. It's the TIB850. You can buy it assembled, in kit form, or just the PC board.

TS850's are great rigs for use on VHF+ with transverters. There have been a couple articles on modifying them for a single band but they usually involve taking the finals out of the rig and putting the transverter in place of the finals. Someone about a year ago was selling three single-band 850's for 50, 144 and 432 MHz at about $650 each. If you don't mind having the transverter outside the rig, the DEM interface is the way to go.

I don't have any connection with DEM except for being a very satisfied customer for over 10 years.

73, Zack W9SZ

On Mon, 14 Jul 2003, Duncan Cameron wrote:

> 
> 
> Bill- and the group.....I used to have an Icom 746 and enjoyed 6 meters
> very much. Can someone suggest a converter that would match nicely with the
> 850?
> Thanks
> Scott Cameron
> >From: Bill <coorsbill@...>
> >Reply-To: TS-850_450_690@yahoogroups.com
> >To: TS-850_450_690@yahoogroups.com
> >Subject: Re: [TS-850_450_690] TS-850SAT versus FT-920
> >Date: Mon, 14 Jul 2003 05:35:18 -0700 (PDT)
> >
> >Something about the grass and the fence comes to
> >mind.. hmmmm
> >
> >The 850 sounds awesome with a vhf converter, even a
> >cheap converters sound good on the 850.
> >
> >b
>

# 1201. Re: [TS-850_450_690] TS-850SAT versus FT-920

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-14 16:28:29 UTC
From: Bill
Topic: 1190  Message: 1201

I really like the Ten Tec 99.00 unit, it's a kit and
works real well. I wired one up to a TS-530 for a
guy, used the SG switch on the back to bias the
screens for QRP and to drive the converter; worked
like a champ. He made his first 6M qso (co-tx) while
rig was still in the shop with the covers off, as I
was showing him how to operate that get-up! hi

bill

--- Duncan Cameron <dxer10@...> wrote:
>
>
> Bill- and the group.....I used to have an Icom
> 746 and enjoyed 6 meters
> very much. Can someone suggest a converter that
> would match nicely with the
> 850?
> Thanks
> Scott Cameron
> >From: Bill <coorsbill@...>
> >Reply-To: TS-850_450_690@yahoogroups.com
> >To: TS-850_450_690@yahoogroups.com
> >Subject: Re: [TS-850_450_690] TS-850SAT versus
> FT-920
> >Date: Mon, 14 Jul 2003 05:35:18 -0700 (PDT)
> >
> >Something about the grass and the fence comes to
> >mind.. hmmmm
> >
> >The 850 sounds awesome with a vhf converter, even a
> >cheap converters sound good on the 850.
> >
> >b
>
>

---
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# 1202. Re: Switching Power Supplies

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-15 20:22:17 UTC
From: Dave W8NF
Topic: 1202  Message: 1202

Al,

I got the Astron RS-35M - with meters. If you want to accurately measure volts & amps, don't bother with the meters. The way they're wired into the circuit makes them not very accurate, plus they're low-grade meters with lots of viscous friction. On the other hand, if you're like me and you just wanted a visual indication that the power supply is alive and the rig is drawing about the right current, then the meters are reasonable.

My 'scope shows about 8mV peak-to-peak of total NOISE on the RS-35M. And that is critical. Broadband white noise does not cause audible birdies in a receiver. The spectrum of this noise extends out to about 20 MHz, but once you feed it through your rig's IF filter, there is so little total energy left that it is swamped by atmospherics. The problem with switchmode supplies isn't the total switchmode noise level, the problem is that it is concentrated into a carrier with harmonics, which is very audible.

At 30 amps current from the Astron, I measure about 50mV peak-to-peak ripple, and most of it is at 120Hz. Of course, that sort of current draw happens when you transmit. I can not see any effect on the carrier of my TS-850 or my IC-735 under these conditions.

As far as my rigs tell me, the RS-35M is completely silent. What little noise it delivers is inaudible in receive and has no effect on transmit.

73,

Dave W8NF

Message: 2
Date: Sun, 13 Jul 2003 09:14:07 -0700
From: "Al n7ioh" <n7ioh@...>
Subject: Re: Switching power supplies

Dave, out of curiosity, have you put the Astron linear power supply
on the scope to see how it compares? Also which Astron supply did you
get? I have the RS-70M and I am considering buying

the smaller RS-35M.

_____
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# 1203. Re: [TS-850_450_690] Re: calibrate the meters!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-15 20:30:32 UTC
From: Bill
Topic: 1202  Message: 1203

The ASTRON meters are almost always set low, by 10-20 percent.

I set the astron to exactly 15 volts; then I use the DVM to set the voltmeter and a huge 15 ohm ww resistor to set the ammeter to 10amps (usually it starts out reading 7-8 amps!) Then I connect the second load resistor and make sure the 20A reading is OK, and trim as needed.

This also load-tests the supply somewhat so you will see if there is a problem before you get the cover on the supply.

When Astron comes out with a good digital metering system on the PS I will get another one.

bill
--- Dave W8NF <w8nflists@...> wrote:

> Al,
>
> I got the Astron RS-35M - with meters. If you want
> to
> accurately measure volts & amps, don't bother with
> the
> meters. The way they're wired into the circuit
> makes
> them not very accurate, plus they're low-grade
> meters
> with lots of viscous friction. On the other hand,
> if
> you're like me and you just wanted a visual
> indication
> that the power supply is alive and the rig is
> drawing
> about the right current, then the meters are
> reasonable.
>
> My 'scope shows about 8mV peak-to-peak of total
> NOISE
> on the RS-35M. And that is critical. Broadband
> white
> noise does not cause audible birdies in a receiver.
> The spectrum of this noise extends out to about 20
> MHz, but once you feed it through your rig's IF

> filter, there is so little total energy left that it
> is swamped by atmospherics. The problem with
> switchmode supplies isn't the total switchmode noise
> level, the problem is that it is concentrated into a
> carrier with harmonics, which is very audible.
>
> At 30 amps current from the Astron, I measure about
> 50mV peak-to-peak ripple, and most of it is at
> 120Hz.
> Of course, that sort of current draw happens when
> you
> transmit. I can not see any effect on the carrier
> of
> my TS-850 or my IC-735 under these conditions.
>
> As far as my rigs tell me, the RS-35M is completely
> silent. What little noise it delivers is inaudible
> in
> receive and has no effect on transmit.
>
> 73,
>
> Dave W8NF
>
> Message: 2
> Date: Sun, 13 Jul 2003 09:14:07 -0700
> From: "Al n7ioh" <n7ioh@...>
> Subject: Re: Switching power supplies
>
> Dave, out of curiosity, have you put the Astron
> linear power supply
> on the scope to see how it compares? Also which
> Astron supply did you
> get? I have the RS-70M and I am considering buying
> the smaller RS-35M.
>
> _____
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# 1204. TS-850 and VHF/UHF converters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-15 20:37:13 UTC
From: Dave W8NF
Topic: 1204  Message: 1204

I think the TS-850 has a dedicated jack on the rear
for driving a converter.

Elecraft just came out with VHF/UHF transverters.
They look like the K2, but they are intended to
operate with any HF rig.

I have met the K2 guys Eric and Wayne, and I have
studied the K2 radio. It is an impressive bit of
engineering, and the two gentlemen (they are truly
gentlemen) are fine engineers. I would put a LOT of
faith in their converters to perform well, be
reliable, etc.

The K2, by the way, is one of the few radios available
today whose receiver comes close to the performance of
the 850 - at least insofar as I have compared
receivers.

73,

Dave W8NF

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# 1205. Re: [TS-850_450_690] TS-850SAT versus FT-920

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-15 22:36:02 UTC
From: Bill
Topic: 1190  Message: 1205

Thanks Zack, added to "links" section.

bill

--- Zack Widup <w9sz@...> wrote:
> Check out Down East Microwave's products:
> http://www.downeastmicrowave.com
>
> Steve also has an interface especially designed for
> the TS-850 for
> transverter interfacing so you don't have to modify
> the radio and can
> still use it on HF when you're not on the
> transverter. It's the TIB850.
> You can buy it assembled, in kit form, or just the
> PC board.
...

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# 1206. Re: TS-850 and VHF/UHF converters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-15 22:42:37 UTC
From: Max
Topic: 1204  Message: 1206

--- In TS-850_450_690@yahoogroups.com, Dave W8NF <w8nflists@y...>
wrote:
> I think the TS-850 has a dedicated jack on the rear
> for driving a converter.

It is actually the IF OUT jack. You can use it as a transverter output ONLY if you move a cable on the RF board. Basically what you are doing is moving the output that goes to this jack from the IF out signal to a low level RF signal aprox. 2mW output. I went one better and actually installed a jumper between the output from the RF preamp and RF power amp board. But twice I forgot to turn the power down and blew the front end out of the transverter!! <shaking my head at this point>!

Max

# 1207. Re: [TS-850_450_690] TS-850 and VHF/UHF converters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-15 22:48:05 UTC
From: Bill
Topic: 1204  Message: 1207

I was pretty excited about the Elecraft xverters until
I saw the price!

b

--- Dave W8NF <w8nflists@...> wrote:
> I think the TS-850 has a dedicated jack on the rear
> for driving a converter.
>
> Elecraft just came out with VHF/UHF transverters.
> They look like the K2, but they are intended to
> operate with any HF rig.
>
...

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# 1208. Re: [TS-850_450_690] Re: TS-850 and VHF/UHF converters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-15 22:50:04 UTC
From: Bill
Topic: 1204  Message: 1208

A good argument for completely automatic transverter
control! hi

b

--- Max <ve3tmt@...> wrote:
> --- In TS-850_450_690@yahoogroups.com, Dave W8NF
> <w8nflists@y...>
> wrote:
> > I think the TS-850 has a dedicated jack on the
> rear
> > for driving a converter.
>
> It is actually the IF OUT jack. You can use it as a
> transverter
> output ONLY if you move a cable on the RF board.
> Basically what you
> are doing is moving the output that goes to this
> jack from the IF out
> signal to a low level RF signal aprox. 2mW output.
> I went one better
> and actually installed a jumper between the output
> from the RF preamp
> and RF power amp board. But twice I forgot to turn
> the power down
> and blew the front end out of the transverter!!
> <shaking my head at
> this point>!
>
> Max
>
>

=====

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# 1209. Re: TS-850 and VHF/UHF converters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-16 00:24:15 UTC
From: Max
Topic: 1204  Message: 1209

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> I was pretty excited about the Elecraft xverters until
> I saw the price!
>

Yeah, but you got to admit Bill, they do look nice. I may get a
TenTec 2m unit for the 920 to work the local repeaters. Nice thing
about the 850 was that it will show the actual operating frequency,
be it 6m, 2m or 440!

# 1210. TS-690S audio output, display, AT-450 rec.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-16 19:19:10 UTC
From: n7ioh
Topic: 1210  Message: 1210

I need help with three different problems. First, is there a way to increase the speaker output, i.e. a pot to adjust or something? Second, when I turn on my radio after it has been setting for some time it takes 2-5 seconds before the display comes on. I talked to a tech and he said to not worry about it. Anyone here have any idea what it might be and how to fix it? Third, I read a mod that allows the AT-450 to work on Receive as well as transmit. However the mod was done on a factory installed AT-450 and the insides are slightly different. Has anyone done this mod on a none factory installed TS-450S or TS-690S?

Al N7IOH

# 1211. Re: [TS-850_450_690] TS-690S audio output, display, AT-450 rec.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-17 04:02:40 UTC
From: Bill
Topic: 1210  Message: 1211

1. is the speaker level still low on an external
speaker?

2. The tech is right on the display.

3. You can re-wire the AT for receive... only reason
to do it is if you are on a G5RV and work a lot of
10-15 meters, it will help the receiver somewhat,
other than that it's not really worth doing. Receiver
is plenty sensitive in most cases.

bill

--- n7ioh <n7ioh@...> wrote:
> I need help with three different problems. First,
> is there a way to
> increase the speaker output, i.e. a pot to adjust or
> something?
> Second, when I turn on my radio after it has been
> setting for some
> time it takes 2-5 seconds before the display comes
> on. I talked to a
> tech and he said to not worry about it. Anyone here
> have any idea
> what it might be and how to fix it? Third, I read a
> mod that allows
> the AT-450 to work on Receive as well as transmit.
> However the mod
> was done on a factory installed AT-450 and the
> insides are slightly
> different. Has anyone done this mod on a none
> factory installed TS-
> 450S or TS-690S?
>
> Al N7IOH
>
>
>
>

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# 1212. Re: [TS-850_450_690] TS-690S audio output, display, AT-450 rec.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-17 13:36:54 UTC
From: Paul Manuel
Topic: 1210  Message: 1212

--- n7ioh <n7ioh@...> wrote:
>> Second, when I turn on my radio after it has been setting for some
> time it takes 2-5 seconds before the display comes on. I talked to a
> tech and he said to not worry about it. Anyone here have any idea
> what it might be and how to fix it?

If the 450 display is the same circuit as the 850, this is normal. Three or four times on this reflector someone has noticed their 850 display taking up to 10 seconds to turn on, but this is mentioned in the 850 manual as normal, especially when it has not been used for a while.
73,
Paul K4PDM

_____
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# 1213. Re: [TS-850_450_690] TS-690S audio output, display, AT-450 rec.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-17 17:25:16 UTC
From: Bill
Topic: 1210  Message: 1213

The vacuum fluorescent displays do have filaments that
need to heat up a little, believe it or not.

If you have a 450/690/850 that lights up right away,
count your blessings, hi!

bill

--- Paul Manuel <k4pdm@...> wrote:
>
> --- n7ioh <n7ioh@...> wrote:
> >> Second, when I turn on my radio after it has been
> setting for some
> > time it takes 2-5 seconds before the display comes
> on. I talked to a
> > tech and he said to not worry about it. Anyone
> here have any idea
> > what it might be and how to fix it?
>
> If the 450 display is the same circuit as the 850,
> this is normal. Three
> or four times on this reflector someone has noticed
> their 850 display
> taking up to 10 seconds to turn on, but this is
> mentioned in the 850
> manual as normal, especially when it has not been
> used for a while.
> 73,
> Paul K4PDM
>
>
> _____
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# 1214. TS-850 and AT-250

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-17 18:37:58 UTC
From: dpatt7
Topic: 1214  Message: 1214

Gentlemen,
Can you connect a 850 to a 250 with a remote cable?
I have connected my automatic tuner to the TS-850 and manually changed bands, but if I understand it correctly, you could change that band automatically when you change the transciever freq. if you had your transciever connected to the AT-250 via the remote cable.
And where could I get that cable if it is usable?

And I have a Autek audio filter that I used with my Heathket SB303 and 401 many years ago. Would this work with the TS-850 or should I purchase the filters at $130 a crack?

And.....
Is there an alternative to the DSP-100 filter. They are rare and expensive. Is there a after market DSP that could be used?
Just curious.
Thank you for any time you might spend anwsering this.
Dave Patterson
WD9IKO

# 1215. Re: [TS-850_450_690] TS-850 and AT-250

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-17 19:12:51 UTC
From: Bill
Topic: 1214  Message: 1215

OK Dave I will try.

not sure on the AT-250.

You can use any audio filter you want with the 850 but
it will not have the same effectiveness as the IF
filters. While you may not be able to hear the QRM
that the audio filter takes out, the rig's AGC loop is
still looking at it; if the QRM is sufficiently
strong, it will mute the signal that you are looking
for.

If you are a CW lover, definitely get the IF filters.
If you sell the radio you will nearly get your money
back.

73,

Bill
--- dpatt7 <dpatterson3@...> wrote:
> Gentlemen,
> Can you connect a 850 to a 250 with a remote cable?
> I have connected my automatic tuner to the TS-850
> and manually
> changed bands, but if I understand it correctly, you
> could change
> that band automatically when you change the
> transciever freq. if
> you had your transciever connected to the AT-250 via
> the remote
> cable.
> And where could I get that cable if it is usable?
>
> And I have a Autek audio filter that I used with my
> Heathket
> SB303 and 401 many years ago. Would this work with
> the TS-850 or
> should I purchase the filters at $130 a crack?
>
> And.........
> Is there an alternative to the DSP-100 filter. They
> are rare and
> expensive. Is there a after market DSP that could be
> used?
> Just curious.
> Thank you for any time you might spend anwsering

> this.
> Dave Patterson
> WD9IKO
>
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>

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# 1216. Re: TS-850 and AT-250

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-17 20:00:53 UTC
From: Max
Topic: 1214  Message: 1216

--- In TS-850_450_690@yahoogroups.com, "dpatt7" <dpatterson3@w...>
wrote:
> Gentlemen,
> Can you connect a 850 to a 250 with a remote cable?
> I have connected my automatic tuner to the TS-850 and manually
> changed bands, but if I understand it correctly, you could change
> that band automatically when you change the transciever freq. if
> you had your transciever connected to the AT-250 via the remote
> cable.
> And where could I get that cable if it is usable?

Dave,
Check out this link for a band decoder...

http://www.dk9ip.de/DK9IPprojects/DK9IPdecod/dk9ipdecod.html

> Is there an alternative to the DSP-100 filter. They are rare and
> expensive. Is there a after market DSP that could be used?

The DSP100 is so expensive because of not so much what they do on
receive, but what they CAN do on transmit. They are selling for more
now then they did when it first hit the market in the early 90's. I
have often thought about a substitute, but never could come up with
anything. I am now researching the DSP on my FT920, to see what can
be done as far as increasing the fidelity. Of course, with all the
hubbub now about wide-band SSB and the interference it causes, they
may become more available. If you plan on using the DSP for receive
only, buy yourself a Timewave DSP unit and take the family out to
dinner. You will still have a couple of hundred dollars left over!
If you want to widen your SSB signal, you'll have to keep looking for
a DSP100.

73,
Max

# 1217. Re: [TS-850_450_690] TS-690S audio output, display, AT-450 rec.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-17 21:53:38 UTC
From: Al n7ioh
Topic: 1210  Message: 1217

Bill. the speaker level is still a low even with an external speaker.
Al N7IOH

----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, July 16, 2003 9:02 PM
Subject: Re: [TS-850_450_690] TS-690S audio output, display, AT-450 rec.

1. is the speaker level still low on an external
speaker?

2. The tech is right on the display.

3. You can re-wire the AT for receive... only reason
to do it is if you are on a G5RV and work a lot of
10-15 meters, it will help the receiver somewhat,
other than that it's not really worth doing. Receiver
is plenty sensitive in most cases.

bill

--- n7ioh <n7ioh@...> wrote:
> I need help with three different problems. First,
> is there a way to
> increase the speaker output, i.e. a pot to adjust or
> something?
> Second, when I turn on my radio after it has been
> setting for some
> time it takes 2-5 seconds before the display comes
> on. I talked to a
> tech and he said to not worry about it. Anyone here
> have any idea
> what it might be and how to fix it? Third, I read a
> mod that allows
> the AT-450 to work on Receive as well as transmit.
> However the mod
> was done on a factory installed AT-450 and the
> insides are slightly
> different. Has anyone done this mod on a none
> factory installed TS-
> 450S or TS-690S?
>
> Al N7IOH
>
>

>
>

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Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.501 / Virus Database: 299 - Release Date: 7/14/2003

[Non-text portions of this message have been removed]

# 1218. Re: [TS-850_450_690] TS-690S audio output, display, AT-450 rec.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-18 14:04:30 UTC
From: Bill
Topic: 1210  Message: 1218

Often the Audio IC can fail and also the largish
blocking cap, these are the uPC2002v chip and a 470uF
at 10V cap.. I would feel better with a 220uF at 16
volt cap.

uPC2002v is subbed also by the TDA2002 but NOT by the
LM383 which will oscillate in this circuit.

Let me know if you have trouble finding these parts.
73,

Bill

--- Al n7ioh <n7ioh@...> wrote:
> Bill. the speaker level is still a low even with
> an external speaker.
> Al N7IOH
>
> ----- Original Message -----
> From: Bill
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, July 16, 2003 9:02 PM
> Subject: Re: [TS-850_450_690] TS-690S audio
> output, display, AT-450 rec.
>
>
> 1. is the speaker level still low on an external
> speaker?
>
> 2. The tech is right on the display.
>
> 3. You can re-wire the AT for receive... only
> reason
> to do it is if you are on a G5RV and work a lot of
> 10-15 meters, it will help the receiver somewhat,
> other than that it's not really worth doing.
> Receiver
> is plenty sensitive in most cases.
>
> bill
>
> --- n7ioh <n7ioh@...> wrote:
> > I need help with three different problems.
> First,
> > > is there a way to
> > > increase the speaker output, i.e. a pot to

> adjust or
> > something?
> > Second, when I turn on my radio after it has
> been
> > setting for some
> > time it takes 2-5 seconds before the display
> comes
> > on. I talked to a
> > tech and he said to not worry about it. Anyone
> here
> > have any idea
> > what it might be and how to fix it? Third, I
> read a
> > mod that allows
> > the AT-450 to work on Receive as well as
> transmit.
> > However the mod
> > was done on a factory installed AT-450 and the
> > insides are slightly
> > different. Has anyone done this mod on a none
> > factory installed TS-
> > 450S or TS-690S?
> >
> > Al N7IOH
> >
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>
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> (http://www.grisoft.com).
> Version: 6.0.501 / Virus Database: 299 - Release
> Date: 7/14/2003
>
> [Non-text portions of this message have been
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# 1219. Re: TS-850 and AT-250

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-19 00:50:13 UTC
From: dpatt7
Topic: 1214  Message: 1219

Thanks Bill.
Guess I will use the filters. Like cw and ssb.
WD9IKO
Dave

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> OK Dave I will try.
>
> not sure on the AT-250.
>
> You can use any audio filter you want with the 850 but
> it will not have the same effectiveness as the IF
> filters. While you may not be able to hear the QRM
> that the audio filter takes out, the rig's AGC loop is
> still looking at it; if the QRM is sufficiently
> strong, it will mute the signal that you are looking
> for.
>
> If you are a CW lover, definitely get the IF filters.
> If you sell the radio you will nearly get your money
> back.
>
> 73,
>
> Bill
> --- dpatt7 <dpatterson3@w...> wrote:
> > Gentlemen,
> > Can you connect a 850 to a 250 with a remote cable?
> > I have connected my automatic tuner to the TS-850
> > and manually
> > changed bands, but if I understand it correctly, you
> > could change
> > that band automatically when you change the
> > transciever freq. if
> > you had your transciever connected to the AT-250 via
> > the remote
> > cable.
> > And where could I get that cable if it is usable?
> >
> > And I have a Autek audio filter that I used with my
> > Heathket
> > SB303 and 401 many years ago. Would this work with
> > the TS-850 or
> > should I purchase the filters at $130 a crack?
> >

> > And.....
> > Is there an alternative to the DSP-100 filter. They
> > are rare and
> > expensive. Is there a after market DSP that could be
> > used?
> > Just curious.
> > Thank you for any time you might spend anwsering
> > this.
> > Dave Patterson
> > WD9IKO
> >
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>
> ---
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# 1220. Re: TS-850 and AT-250

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-19 00:51:52 UTC
From: dpatt7
Topic: 1214  Message: 1220

Thanks Max. Will check out the decoder.
Guess your right about the dsp100
it certainly is popular.
WD9IKO
Dave

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "dpatt7" <dpatterson3@w...>
> wrote:
> > Gentlemen,
> > Can you connect a 850 to a 250 with a remote cable?
> > I have connected my automatic tuner to the TS-850 and manually
> > changed bands, but if I understand it correctly, you could change
> > that band automatically when you change the transciever freq. if
> > you had your transciever connected to the AT-250 via the remote
> > cable.
> > And where could I get that cable if it is usable?
>
> Dave,
> Check out this link for a band decoder...
>
> http://www.dk9ip.de/DK9IPprojects/DK9IPdecod/dk9ipdecod.html
>
> > Is there an alternative to the DSP-100 filter. They are rare and
> > expensive. Is there a after market DSP that could be used?
>
> The DSP100 is so expensive because of not so much what they do on
> receive, but what they CAN do on transmit. They are selling for
more
> now then they did when it first hit the market in the early 90's.
I
> have often thought about a substitute, but never could come up
with
> anything. I am now researching the DSP on my FT920, to see what
can
> be done as far as increasing the fidelity. Of course, with all
the
> hubbub now about wide-band SSB and the interference it causes,
they
> may become more available. If you plan on using the DSP for
receive
> only, buy yourself a Timewave DSP unit and take the family out to
> dinner. You will still have a couple of hundred dollars left
over!
> If you want to widen your SSB signal, you'll have to keep looking

for
> a DSP100.
>
> 73,
> Max

# 1221. Re: [TS-850_450_690] Re: TS-850 and AT-250

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-19 13:13:05 UTC
From: Bill
Topic: 1214  Message: 1221

PS there is no alternative to the DSP100 that will
give you IF dsp.

Keep your eyes peeled and cash ready! You will find
one.

I recommend the IRC filters for the 850 if you can get
them, better shape factor. I don't recommend going
any narrower than 2.1. I prefer 2.7 stock filters,
but that's me.

b

--- dpatt7 <dpatterson3@...> wrote:
> Thanks Bill.
> Guess I will use the filters. Like cw and ssb.
> WD9IKO
> Dave
>
>
> --- In TS-850_450_690@yahoogroups.com, Bill
> <coorsbill@y...> wrote:
> > OK Dave I will try.
> >
> > not sure on the AT-250.
> >
> > You can use any audio filter you want with the 850
> but
> > it will not have the same effectiveness as the IF
> > filters. While you may not be able to hear the
> QRM
> > that the audio filter takes out, the rig's AGC
> loop is
> > still looking at it; if the QRM is sufficiently
> > strong, it will mute the signal that you are
> looking
> > for.
> >
> > If you are a CW lover, definitely get the IF
> filters.
> > If you sell the radio you will nearly get your
> money
> > back.
> >
> > 73,
> >

> > Bill
> > --- dpatt7 <dpatterson3@w...> wrote:
> > > Gentlemen,
> > > Can you connect a 850 to a 250 with a remote
> cable?
> > > I have connected my automatic tuner to the
> TS-850
> > > and manually
> > > changed bands, but if I understand it correctly,
> you
> > > could change
> > > that band automatically when you change the
> > > transciever freq. if
> > > you had your transciever connected to the AT-250
> via
> > > the remote
> > > cable.
> > > And where could I get that cable if it is
> usable?
> > >
> > > And I have a Autek audio filter that I used with
> my
> > > Heathket
> > > SB303 and 401 many years ago. Would this work
> with
> > > the TS-850 or
> > > should I purchase the filters at $130 a crack?
> > >
> > > And.........
> > > Is there an alternative to the DSP-100 filter.
> They
> > > are rare and
> > > expensive. Is there a after market DSP that
> could be
> > > used?
> > > Just curious.
> > > Thank you for any time you might spend anwsering
> > > this.
> > > Dave Patterson
> > > WD9IKO
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# 1222. Re: [TS-850_450_690] Re: TS-850 and AT-250

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-19 14:20:37 UTC
From: Zack Widup
Topic: 1214  Message: 1222

On Sat, 19 Jul 2003, Bill wrote:

> PS there is no alternative to the DSP100 that will
> give you IF dsp.
>
> Keep your eyes peeled and cash ready! You will find
> one.
>
> I recommend the IRC filters for the 850 if you can get
> them, better shape factor. I don't recommend going
> any narrower than 2.1. I prefer 2.7 stock filters,
> but that's me.
>
> b

I've been thinking about the IRC filters. What would you recommend for CW? 400? 250?

73, Zack W9SZ

# 1223. Re: [TS-850_450_690] Re: TS-850 and AT-250

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-20 23:31:50 UTC
From: Bill
Topic: 1214  Message: 1223

Zack if you are the casual CW op with an occasional contest thrown in, you will be happy with the 400hz filters.... I use the 500's stock filters and am quite happy with them except once in a great while, but then I use my "wet processor" to sort out the QRM and move on.

If you are a serious "for blood" contester or have 320 countries confirmed on CW, go for the narrower ones!

The wider filters allow you to cruise around for a QSO or another SS multiplier without having to use the wide filters to find the activity. I often use just one of my 500's to get the right selectivity. I honed my CW skills on a Halliscratchers SX-101 so I am used to the broader band "narrow" filter definition.

Keep in mind, if you have 400s and use them both you will have an actual bandwidth of 200-250 hz; Both 250's however may be a bit too narrow at 150-175 hz, and may "ring" a bit which might slow your code copy down a hair.

If you get the 400hz filters you will be very happy with them, unless as I said you are needing only a few countries to have "worked them all"!!!

73

bill
--- Zack Widup <w9sz@...> wrote:
> On Sat, 19 Jul 2003, Bill wrote:
>
> > PS there is no alternative to the DSP100 that will
> > give you IF dsp.
> >
> > Keep your eyes peeled and cash ready! You will
> find
> > one.
> >
> > I recommend the IRC filters for the 850 if you can
> get
> > them, better shape factor. I don't recommend
> going
> > any narrower than 2.1. I prefer 2.7 stock
> filters,

> > but that's me.
> >
> > b
>
> I've been thinking about the IRC filters. What
> would you recommend for
> CW? 400? 250?
>
> 73, Zack W9SZ
>
>

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# 1224. Kenwood TS-450 DDS chip parts availability.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-21 12:17:08 UTC
From: Dennis, low budget dxer from the Philipp
Topic: 1224  Message: 1224

July 22, 2003

I have emailed Pacific Parts more than 2 weeks ago and had gotten no responce.

Can someone else point me where I can get the DDS for the TS-450 (YM6631 or YM66312)?

My friends TS-450 has been on the repair bench for more than 2 years and it was only lately that we diagnosed it to be a DDS chip failure. There is no Kenwood authorized dealer or repair center here in the Philippines. He is willing to pay for the cost of shipment if someone can possibly sell that particular part to us.

Thank you.

Dennis Ls. M. Cruz
the Philippines

# 1225. Re: [TS-850_450_690] Kenwood TS-450 DDS chip parts availability.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-21 12:42:02 UTC
From: Bill
Topic: 1224  Message: 1225

I'll do it Dennis, can you guys front the money?

I will give you a total if you want.

73,

Bill
K0ZL

--- "Dennis, low budget dxer from the Philippines"
<stclaire@...> wrote:
> July 22, 2003
>
>
> I have emailed Pacific Parts more than 2 weeks ago
> and had gotten no
> responce.
>
> Can someone else point me where I can get the DDS
> for the TS-450
> (YM6631 or YM66312)?
>
> My friends TS-450 has been on the repair bench for
> more than 2 years
> and it was only lately that we diagnosed it to be a
> DDS chip failure.
> There is no Kenwood authorized dealer or repair
> center here in the
> Philippines. He is willing to pay for the cost of
> shipment if someone
> can possibly sell that particular part to us.
>
> Thank you.
>
> Dennis Ls. M. Cruz
> the Philippines
>
>

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# 1226. Re: Kenwood TS-450 DDS chip parts availability.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-21 20:57:59 UTC
From: Dennis, low budget dxer from the Philipp
Topic: 1224  Message: 1226

Yes please, give a quote first (off-list) so I can pass it to the
owner then we will contact you again and find a way to send the money.

Thanks again Bill

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> I'll do it Dennis, can you guys front the money?
>
> I will give you a total if you want.
>
> 73,
>
> Bill
> K0ZL
>

# 1227. Display Circuit Board for TS-850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-22 18:31:23 UTC
From: Bill Smith
Topic: 1227  Message: 1227

What is the part number of the TS-850S display board?
I want to replace the B+ electrolytic capacitor on
this board that has history of leaking. Where is it
on the board?

73,
Bill

=====
Bill Smith KO4NR

_____
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# 1228. TS-450S display show dots

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-23 12:22:49 UTC
From: pp2elo
Topic: 1228  Message: 1228

Hi all,
I hava an TS450S which shows dots in the display...
Can somebody help me to solve this problem ???
Thanks in advance...
Best 73's,
Silva.
PY9ELO/PY8.
**********
Brasilian Ham Radio
Call sign : PY9ELO
QRA : Silva
Address : PO BOX ( CAIXA POSTAL ) 100 Centro
CEP 68180-630
ITAITUBA - PARÁ - BRASIL

**********
QRV : 7.093,00 KHZ

**********

# 1229. Re: [TS-850_450_690] TS-450S display show dots

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-23 19:08:28 UTC
From: Zack Widup
Topic: 1229  Message: 1229

I looked on the web for a solution for this and didn't find one.

I don't own a TS-450 but I have a TS-440 and a TS-850. The problem you describe is common with the TS-440. It comes from VCO unlock problems.

On the TS-440, you have to remove the VCO board and find all the parts that have been covered with a plastic cement. The cement (glue) is yellow when first applied at the factory but deteriorates over time and turns a dark brown color. It then absorbs moisture and starts looking like a resistor. It unstabilizes the VCO circuitry.

I repaired my TS-440 by removing each part affected by the glue and scraping it off the parts and the VCO board, then putting them all back on the board and doing the VCO calibration routine outlined in the TS-440 service manual. That solved the problem. But it is a long and tedious process to remove all that glue!

I don't know if the TS-450 also has this glue on the VCO board, but I would suspect the problem with the dots on the display is also due to VCO unlock.

Good luck!

73, Zack W9SZ

pp2elo wrote:
>
> Hi all,
> I hava an TS450S which shows dots in the display...
> Can somebody help me to solve this problem ???
> Thanks in advance...
> Best 73's,
> Silva.
> PY9ELO/PY8.

# 1230. 850s

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-27 00:10:11 UTC
From: Jean-Guy Landry
Topic: 1230  Message: 1230

Hello group, just looking here on the group and in the photo library and came across this 850sNew with dual receive. Not is this for real or somebody made up the pic?? As i have never heard of the 850 having dual receive. Can anybody explain further and if for real, how does a person get info on such an animal. hi.

thanks and 73

# 1231. Re: [TS-850_450_690] 850s DUAL RECEIVE!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-27 01:28:53 UTC
From: Bill
Topic: 1230  Message: 1231

I think it's one of Max's dreams come to life... too
close to April 1 I think!

73

Bill

--- Jean-Guy Landry <jglandry50@...> wrote:
> Hello group, just looking here on the group and in
> the photo
> library and came across this 850sNew with dual
> receive. Not is this
> for real or somebody made up the pic?? As i have
> never heard of the
> 850 having dual receive. Can anybody explain further
> and if for
> real, how does a person get info on such an animal.
> hi.
>
> thanks and 73
>
>
>

=====

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# 1232. Re: 850s DUAL RECEIVE!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-27 02:21:17 UTC
From: Max
Topic: 1230  Message: 1232

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> I think it's one of Max's dreams come to life... too
> close to April 1 I think!

I must confess. I was fooling around in Photoshop and came up with
the picture. Sure would make a great radio even better.

# 1233. Re: [TS-850_450_690] 850s DUAL RECEIVE!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-27 08:33:46 UTC
From: Jean-Guy
Topic: 1230  Message: 1233

ok thanks Bill, gee, whoever did a super job on the making of the photo hi.
So i guess we all keep on dreaming eh!
73 and have a great weekend.

----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, July 26, 2003 10:28 PM
Subject: Re: [TS-850_450_690] 850s DUAL RECEIVE!

I think it's one of Max's dreams come to life... too
close to April 1 I think!

73

Bill

--- Jean-Guy Landry <jglandry50@...> wrote:
> Hello group, just looking here on the group and in
> the photo
> library and came across this 850sNew with dual
> receive. Not is this
> for real or somebody made up the pic?? As i have
> never heard of the
> 850 having dual receive. Can anybody explain further
> and if for
> real, how does a person get info on such an animal.
> hi.
>
> thanks and 73
>
>
>

=====

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[Non-text portions of this message have been removed]

# 1234. Re: [TS-850_450_690] Re: 850s DUAL RECEIVE!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-27 08:36:22 UTC
From: Jean-Guy
Topic: 1230  Message: 1234

Super job on doing up pic Max, a friend of mine brought up the pic from somewheres on the internet and he was saying that it was a true pic. But had never heard say of such a radio. Man what a radio that would be,, guess we dream on.
cul, 73

----- Original Message -----
From: Max
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, July 26, 2003 11:21 PM
Subject: [TS-850_450_690] Re: 850s DUAL RECEIVE!

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> I think it's one of Max's dreams come to life... too
> close to April 1 I think!

I must confess. I was fooling around in Photoshop and came up with
the picture. Sure would make a great radio even better.

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[Non-text portions of this message have been removed]

# 1235. Re: [TS-850_450_690] Re: 850s DUAL RECEIVE!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-27 15:43:11 UTC
From: Bill
Topic: 1230  Message: 1235

THE TRUTH IS OUT... only took 3 months for our sharp
eyed member to find it.

b

--- Max <ve3tmt@...> wrote:
> --- In TS-850_450_690@yahoogroups.com, Bill
> <coorsbill@y...> wrote:
> > I think it's one of Max's dreams come to life...
> too
> > close to April 1 I think!
>
> I must confess. I was fooling around in Photoshop
> and came up with
> the picture. Sure would make a great radio even
> better.
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# 1236. Re: 850s DUAL RECEIVE!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-31 07:49:36 UTC
From: w8nflists
Topic: 1230  Message: 1236

Two TS-850S are cheaper than one FT-1000D. One would think that
would have at least SOMEONE on the list doing it. Someone? Anybody?

It would be interesting to hear how that works for those who do it.

Hopefully, the excellent performance numbers presented by the ARRL
would be borne out by an absence of interference from one rig to the
other.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> THE TRUTH IS OUT... only took 3 months for our sharp
> eyed member to find it.
>
> b
>
> --- Max <ve3tmt@y...> wrote:
> > --- In TS-850_450_690@yahoogroups.com, Bill
> > <coorsbill@y...> wrote:
> > > I think it's one of Max's dreams come to life...
> > too
> > > close to April 1 I think!
> >
> > I must confess. I was fooling around in Photoshop
> > and came up with
> > the picture. Sure would make a great radio even
> > better.
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# 1237. Re: [TS-850_450_690] Re: 850s DUAL RECEIVE!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-07-31 12:53:30 UTC
From: Bill
Topic: 1230  Message: 1237

You can slave one to the other, to use as
transciever.. saw that in the user's menu list in the
book.

I don't think I could handle two-850's.. can barely
handle the drake B line! By the time I get the Drake
transmitter zero-beat to someone calling CQ, someone
else already has 'em! waaahhh

--- w8nflists <w8nflists@...> wrote:
> Two TS-850S are cheaper than one FT-1000D. One
> would think that
> would have at least SOMEONE on the list doing it.
> Someone? Anybody?
>
> It would be interesting to hear how that works for
> those who do it.
>
> Hopefully, the excellent performance numbers
> presented by the ARRL
> would be borne out by an absence of interference
> from one rig to the
> other.
>
> Dave W8NF
>
> --- In TS-850_450_690@yahoogroups.com, Bill
> <coorsbill@y...> wrote:
> > THE TRUTH IS OUT... only took 3 months for our
> sharp
> > eyed member to find it.
> >
> > b
> >
> > --- Max <ve3tmt@y...> wrote:
> > > --- In TS-850_450_690@yahoogroups.com, Bill
> > > <coorsbill@y...> wrote:
> > > > I think it's one of Max's dreams come to
> life...
> > > too
> > > > close to April 1 I think!
> > >
> > > I must confess. I was fooling around in
> Photoshop
> > > and came up with

> > > the picture. Sure would make a great radio even
> > > better.
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# 1238. TL-922 manuals

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-01 03:23:55 UTC
From: cawolff@terra.com.br
Topic: 1238  Message: 1238

Hy All,

I´m needing the manuals (owner and service) for the TL-922 linear amplifier, can somebody help me to obtain those??

Thank you in advance.

ZZ5CAW :-)
Carlos

[Non-text portions of this message have been removed]

# 1239. (no subject)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-02 03:22:08 UTC
From: Bill Leahy
Topic: 1239  Message: 1239

Welcome to Paul, G7VAK, and others that have joined our little group recently.

Paul's Yahoo profile is certainly interesting.

Interesting note: first ever "unrepairable" TS-440S just left my bench. Hated to do it, but 6 hrs into doing all the things I normally do to restore VCO-1 to operation, including replacing all active and most passive devices in the one oscillator that was dead, to no avail, left no choice.

The owner operates his rig in a solar-powered home with unknown glitches and exposure to lightning hits and Lord knows what else. Mountain living does have it's down side.

73,

Bill K0ZL

# 1240. Mention

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-02 10:01:20 UTC
From: Paul
Topic: 1239  Message: 1240

Hello Bill and List
Thanks for the mention! I am deeply involved in the subject
mentioned on the profile [also the moderator of the group on there].

I am just about to acquire a TS850 and wished to know a little more
about the beast before tomorrow. [Nothing like being on top of
matter in time]!

If anyone could tell me if there is auto tune for the antenna and
also the facility to vary the power o/p I'd be really obliged.

I also service my own gear -- saves a bomb to say the least.
73 for now
Paul

--- In TS-850_450_690@yahoogroups.com, "Bill Leahy" <coorsbill@y...>
wrote:
> Welcome to Paul, G7VAK, and others that have joined our little
group
> recently.
>
> Paul's Yahoo profile is certainly interesting.
>
> Interesting note: first ever "unrepairable" TS-440S just left my
> bench. Hated to do it, but 6 hrs into doing all the things I
> normally do to restore VCO-1 to operation, including replacing all
> active and most passive devices in the one oscillator that was
dead,
> to no avail, left no choice.
>
> The owner operates his rig in a solar-powered home with unknown
> glitches and exposure to lightning hits and Lord knows what else.
> Mountain living does have it's down side.
>
> 73,
>
> Bill K0ZL

# 1241. Re: [TS-850_450_690] Mention

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-02 13:49:22 UTC
From: Bill
Topic: 1239  Message: 1241

OK Paul. Congrats on the new rig!

If you told us what you do you would have to kill us,
right? hehe

On your questions, yes the tuner is easy to auto-tune,
just press the thru/auto button in, and then press the
TUNE button right below it. Better watch carefully or
you will miss it, it's that fast.

On your power, yes both power (actually ALC limit) and
CAR (for CW, AM, FM and RTTY modes) are adjustable.

You use ALC to limit your power output, then the MIC
GAIN (fone) or CAR (others) to keep the ALC reading
on-scale. Unless you run PSK31, in which case you turn
the mic down to stay OUT of ALC action entirely.

bill
--- Paul <g7vak@...> wrote:
> Hello Bill and List
> Thanks for the mention! I am deeply involved in the
> subject
> mentioned on the profile [also the moderator of the
> group on there].
>
> I am just about to acquire a TS850 and wished to
> know a little more
> about the beast before tomorrow. [Nothing like being
> on top of
> matter in time]!
>
> If anyone could tell me if there is auto tune for
> the antenna and
> also the facility to vary the power o/p I'd be
> really obliged.
>
> I also service my own gear -- saves a bomb to say
> the least.
> 73 for now
> Paul
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Bill Leahy"
> <coorsbill@y...>

> wrote:
> > Welcome to Paul, G7VAK, and others that have
> joined our little
> group
> > recently.
> >
> > Paul's Yahoo profile is certainly interesting.
> >
> > Interesting note: first ever "unrepairable"
> TS-440S just left my
> > bench. Hated to do it, but 6 hrs into doing all
> the things I
> > normally do to restore VCO-1 to operation,
> including replacing all
> > active and most passive devices in the one
> oscillator that was
> dead,
> > to no avail, left no choice.
> >
> > The owner operates his rig in a solar-powered home
> with unknown
> > glitches and exposure to lightning hits and Lord
> knows what else.
> > Mountain living does have it's down side.
> >
> > 73,
> >
> > Bill K0ZL
>
>

=====

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# 1242. Re: Mention

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-02 22:51:50 UTC
From: Paul
Topic: 1239  Message: 1242

Hello Bill
Thanks for the info - it's very difficult to work out what you need to without having actually seen the beastie as I'm sure you would agree.
I can now look at antennas etc. Being a morse man the seller didn't have a mike to throw in as well, bit I have a hand mic I'm sure I can configure to set up.

I am only involved with the numbers on a recreational bent; I actually work in a University so no assassins on the trail!
Thanks for your advice.

73
Paul

> If you told us what you do you would have to kill us,
> right? hehe

# 1243. 60 meter mod?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-03 02:11:13 UTC
From: Ron
Topic: 1243  Message: 1243

Does anyone know of a mod to be made to the TS850 to enable
transceive on the new 60 meter band?

# 1244. Re: 60 meter mod?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-03 02:16:59 UTC
From: Max
Topic: 1243  Message: 1244

--- In TS-850_450_690@yahoogroups.com, "Ron" <wb4ghu@a...> wrote:
> Does anyone know of a mod to be made to the TS850 to enable
> transceive on the new 60 meter band?

Ron,
check out www.mods.dk Click on the Kenwood tab, then scroll down the left side menu until you see TS850. Click it and you will find your answer. Kinda makes me jealous, as us VE hams don't yet have access to 60m.

Max

# 1245. Re: [TS-850_450_690] Mention

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-03 03:10:53 UTC
From: Zack Widup
Topic: 1239  Message: 1245

On Sat, 2 Aug 2003, Paul wrote:

> Hello Bill and List
> Thanks for the mention! I am deeply involved in the subject
> mentioned on the profile [also the moderator of the group on there].
>
> I am just about to acquire a TS850 and wished to know a little more
> about the beast before tomorrow. [Nothing like being on top of
> matter in time]!
>
> If anyone could tell me if there is auto tune for the antenna and
> also the facility to vary the power o/p I'd be really obliged.
>
> I also service my own gear -- saves a bomb to say the least.
> 73 for now
> Paul
>

The TS-850SAT has a built-in antenna tuner. Mine works great. Even tunes my 40 meter dipole to 160!

You can vary the output with the carrier or mic gain knobs.

I've had the rig open a few times and did a couple mods. For me, it's pretty easy to work on. Nothing is really hard to get to. But I worked for 10 years in an electronics repair shop and I'm used to taking equipment apart. :)

73, Zack W9SZ

# 1246. Re: Mention

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-03 08:36:38 UTC
From: Paul
Topic: 1239  Message: 1246

Hello Zack
Thabks very much for the reply; I too have modded a few sets in my time - I started with valves and migrated to transistors [three legged fuses]. Always found valves more resilient to abuse!

Where surface mount is concerned I have to use a magnifier; the eyes are not as good as they were 30 yrs ago.
73
Paul

>
> The TS-850SAT has a built-in antenna tuner. Mine works great. Even tunes
> my 40 meter dipole to 160!
>
> You can vary the output with the carrier or mic gain knobs.
>
> I've had the rig open a few times and did a couple mods. For me, it's
> pretty easy to work on. Nothing is really hard to get to. But I worked
> for 10 years in an electronics repair shop and I'm used to taking
> equipment apart. :)
>
> 73, Zack W9SZ

# 1247. mc-85

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-05 21:56:50 UTC
From: Jean-Guy Landry
Topic: 1247  Message: 1247

Hello Group,
Recently bought an MC-85 mic to compliment the ts450. Of course i do get nothing but great audio , don't change anything, leave it as is. Rather please with all of that.
Before buying the mic, as they are still a lot of $$, i borrowed one from a friend of mine to try. Got same results, great audio.
There seems to be a problem with one of the mic's, either his or mine, as both mic dont act the same at all, not in the end results but in the sensitivity of both mics. His is extremely sensitive, and i mean extremely, you can be about 20 feet away and if you have the vox on the rig, it will key it up. Now mine on the other hand is not as sensitive at all, even we use the same settings and have also tried both mic on each others rig.
What could be the cause of that, and which one is better, is there a way a person could check them out let's say on a workbench. And how sensitive is a mic suppose to be anyway .
Like i was telling my friend, i sooner have mine, as i dont get as much background noise getting on the air.
Now i have been in ham radio for a number of years, and yet have i seen a mic that sensitive. But i guess it does work for him and he likes it, and mine works for me and i like it.
THis is just to find out what is what between the 2 identical mics.?

Thanks for taking the time to read this.
de Jean-Guy/ve9buf

# 1248. Re: mc-85

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-07 01:35:03 UTC
From: smatda
Topic: 1247  Message: 1248

Check the settings of your friends VOX controls. These can be
accessed by the two small holes in the left side of the rig about
half way back on the bottom chassis half. The one on the right is
the ANTI control. This should be set to keep the VOX from keying up
on loud sounds from the speaker.

The one on the left is the VOX sensitivity control. This controls
the sound level needed to key the VOX. I'd bet that your friends is
turned up much higher than yours and could stand to be turned back a
bit. They can be adjusted with a larger jewellers flat bladed
screwdriver.

Hope this helps,
Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "Jean-Guy Landry"
<jglandry50@r...> wrote:
> Hello Group,
> Recently bought an MC-85 mic to compliment the ts450. Of course i
do
> get nothing but great audio , don't change anything, leave it as is.
> Rather please with all of that.
> Before buying the mic, as they are still a lot of $$, i borrowed
one
> from a friend of mine to try. Got same results, great audio.
> There seems to be a problem with one of the mic's, either his or
> mine, as both mic dont act the same at all, not in the end results
> but in the sensitivity of both mics. His is extremely sensitive,
and
> i mean extremely, you can be about 20 feet away and if you have the
> vox on the rig, it will key it up. Now mine on the other hand is
not
> as sensitive at all, even we use the same settings and have also
> tried both mic on each others rig.
> What could be the cause of that, and which one is better, is there
a
> way a person could check them out let's say on a workbench. And how
> sensitive is a mic suppose to be anyway .
> Like i was telling my friend, i sooner have mine, as i dont get as
> much background noise getting on the air.
> Now i have been in ham radio for a number of years, and yet have i
> seen a mic that sensitive. But i guess it does work for him and he
> likes it, and mine works for me and i like it.
> THis is just to find out what is what between the 2 identical mics.?
>
> Thanks for taking the time to read this.

> de Jean-Guy/ve9buf

# 1249. Re: [TS-850_450_690] Re: mc-85

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-07 02:11:18 UTC
From: Sarge
Topic: 1247  Message: 1249

but he said he tried both mics on both rigs with same results.

Check the settings of your friends VOX controls.

[Non-text portions of this message have been removed]

# 1250. Re: mc-85

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-07 03:32:17 UTC
From: Max
Topic: 1247  Message: 1250

I am not too familiar with the MC-85, but if they require a 9V battery, did you check the condition of both? If one is down, it will not provide the same gain in the mics amplifier.

Max

# 1251. Re: [TS-850_450_690] Re: mc-85

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-07 08:56:01 UTC
From: Jean-Guy
Topic: 1247  Message: 1251

Thanks group for looking into this matter. Looks like we found the possible cause of mic being more sensitive at one place than the other. Actually both mics in the same shack act almost the same. Looks like it is a combination of acoustic of the room by looks of it. As my mic at his place is a lot more sensitive that at my shack and visa versa. Plus he id have the gain set-up on the 850 a bit higher. At this time it is the only thing we could find and more a sort of conclusion.
As these mics are extremely sensitive, example, we were on the air last evening and I could hear the A/C going from his shack that is 3 rooms away, and hear his wife talking on the phone 2 rooms away. But here at my shack, my surrounding are a lot quieter, so nothing heard at other end but the audio. So I guess that room acoustic will do weird things.
Thanks for helping out group and all have a great week
73 de Jean-Guy/ve9buf

----- Original Message -----
From: Max
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, August 07, 2003 12:32 AM
Subject: [TS-850_450_690] Re: mc-85

I am not too familiar with the MC-85, but if they require a 9V
battery, did you check the condition of both? If one is down, it
will not provide the same gain in the mics amplifier.

Max

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# 1252. Re: [TS-850_450_690] Re: mc-85

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-07 12:56:29 UTC
From: Bill
Topic: 1247  Message: 1252

Sometimes you can tell what cycle a guy's dishwasher
is on, they run so much gain and processing, hi!

bill

--- Jean-Guy <jglandry50@...> wrote:
> Thanks group for looking into this matter. Looks
> like we found the possible cause of mic being more
> sensitive at one place than the other. Actually both
> mics in the same shack act almost the same. Looks
> like it is a combination of acoustic of the room by
> looks of it. As my mic at his place is a lot more
> sensitive that at my shack and visa versa. Plus he
> id have the gain set-up on the 850 a bit higher. At
> this time it is the only thing we could find and
> more a sort of conclusion.
> As these mics are extremely sensitive, example, we
> were on the air last evening and I could hear the
> A/C going from his shack that is 3 rooms away, and
> hear his wife talking on the phone 2 rooms away. But
> here at my shack, my surrounding are a lot quieter,
> so nothing heard at other end but the audio. So I
> guess that room acoustic will do weird things.
> Thanks for helping out group and all have a great
> week
> 73 de Jean-Guy/ve9buf
>
> ----- Original Message -----
> From: Max
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, August 07, 2003 12:32 AM
> Subject: [TS-850_450_690] Re: mc-85
>
>
> I am not too familiar with the MC-85, but if they
> require a 9V
> battery, did you check the condition of both? If
> one is down, it
> will not provide the same gain in the mics
> amplifier.
>
> Max
>
>
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>
>
>
> THANKS FOR USING TS-850_450_690@...
>
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>
> [Non-text portions of this message have been
> removed]
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# 1253. Re: mc-85

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-07 15:20:16 UTC
From: smatda
Topic: 1247  Message: 1253

Sounds like your friends' mic gain is too high. Have him try this test:

Place a wattmeter and dummy load inline on the lowest setting possible. Switch to LSB or USB and key the mic. Don't say anything into the mic...just let it pickup the ambient noise. Now check the wattmeter. If it's higher than zero with no one speaking into it, the mic gain is too high.

I have two (soon to be three) toddlers running around in the shack sometimes, so I have to keep my gain turned down pretty low and my VOX off...I can just imagine my 4 year old announcing to the world on HF that my two year old is "running around naked" again!!

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "Jean-Guy" <jglandry50@r...> wrote:

>> I could hear the A/C going from his shack that is 3 rooms away, and hear his wife talking on the phone 2 rooms away.

# 1254. Re: [TS-850_450_690] Display Circuit Board for TS-850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-09 03:30:03 UTC
From: Bill
Topic: 1227  Message: 1254

There is an LCD ass'y, B38-0350-15.

There is no B+ line on this board, only +8V and +5V, with C7 and C8 being the filter caps for these lines. These are both 100uF at 16V, smd types. There is also a C18 showing on the board layout, but not in the schematic. There appears to be a lot of stuff not shown in the schem such as the dimmer circuit, the inverter circuit for the CFL tube, etc.

bill

Bill Smith <ko4nrbs@...> wrote:
What is the part number of the TS-850S display board?
I want to replace the B+ electrolytic capacitor on
this board that has history of leaking. Where is it
on the board?

73,
Bill

=====
Bill Smith KO4NR

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[Non-text portions of this message have been removed]

# 1255. Need YK-88S-1 SSB Filter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-10 23:43:49 UTC
From: n7ioh
Topic: 1255  Message: 1255

I'm looking for the Kenwood YK-88S-1 2.4kHz SSB filter for my TS-690S. This is the plug in filter not the solder in filter.
Thanks, Al N7IOH

# 1256. Re: [TS-850_450_690] Need YK-88S-1 SSB Filter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-11 12:33:05 UTC
From: Bill
Topic: 1255  Message: 1256

Al, best bet (if not here) is ebay, go ahead and pay
the price... hard to find the filters on the plug in
boards; should be in the 75.00-90.00 range.

Also check pricing at Internatational Radio for their
filters, if you haven't already.

bill

=====

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# 1257. Re: [TS-850_450_690] Need YK-88S-1 SSB Filter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-11 13:36:29 UTC
From: Paul Manuel
Topic: 1255  Message: 1257

--- Bill <coorsbill@...> wrote:
> Al, best bet (if not here) is ebay, go ahead and pay
> the price... hard to find the filters on the plug in
> boards; should be in the 75.00-90.00 range.

Many of the amateur dealers carry the used filters. Burghardt had several plug-in Kenwood filters, last time I checked. Check the web or call around, if the list members don't come up with anything.
73,
Paul K4PDM

_____
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# 1258. TS-850S ALC Adjustment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-11 18:54:23 UTC
From: ko4nrbs
Topic: 1258  Message: 1258

While using the mic gain to keep the ALC within the red line I have found it requires frequent adjustment. It does not stay adjusted long. I drive a linear amplifier with the rig using the keying interface found on the 850S repair page. This happens with the auto tuner on or off. Anyone else experienced this?
73,
Bill Smith KO4NR

# 1259. New Member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-14 19:13:36 UTC
From: Max
Topic: 782  Message: 1259

Welcome new member W9GOC to the group. Please introduce yourself.

# 1260. RE: new member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-15 14:06:46 UTC
From: Baguhn, Frederick
Topic: 609  Message: 1260

W9GOC / Frederick, here.
Nothing noteworthy, I'm afraid.
Ham activities:
VE, EmComm mentor, ARES/RACES AEC.
President of Four Lakes Amateur Radio Club in Madison, WI.

My current radio-related activity is focused on getting my antennas and
tower re-installed, so I can perhaps make a QSO or two. :-(
[small village politics and interfering neighbors...]

73 to all, and hope you'll enlighten me on the things I should know about a
TS-450!

---
Welcome new member W9GOC to the group. Please introduce yourself.

# 1261. Re: [TS-850_450_690] RE: new member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-15 14:13:44 UTC
From: Bill Smith
Topic: 609  Message: 1261

I'm in Antioch, Ilinois, we are almost neighbors!!

I have a TS-850ATS.

73,
Bill Smith KO4NR
--- "Baguhn, Frederick" <w9goc@...> wrote:
> W9GOC / Frederick, here.
> Nothing noteworthy, I'm afraid.
> Ham activities:
> VE, EmComm mentor, ARES/RACES AEC.
> President of Four Lakes Amateur Radio Club in
> Madison, WI.
>
> My current radio-related activity is focused on
> getting my antennas and
> tower re-installed, so I can perhaps make a QSO or
> two. :-(
> [small village politics and interfering
> neighbors...]
>
> 73 to all, and hope you'll enlighten me on the
> things I should know about a
> TS-450!
>
> -----
> Welcome new member W9GOC to the group. Please
> introduce yourself.
>
>

=====
Bill Smith KO4NR

---
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# 1262. Re: [TS-850_450_690] RE: new member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-15 17:19:45 UTC
From: Bill
Topic: 609  Message: 1262

Sounds like plenty that's noteworthy to me!

Seems like with your ARES and RACES affiliations and
responsibilities, those small town bureacrats better
lighten up or we'll send Tom Ridge after 'em, hi!

73,

Bill K0ZL

--- "Baguhn, Frederick" <w9goc@...> wrote:
> W9GOC / Frederick, here.
> Nothing noteworthy, I'm afraid.
> Ham activities:
> VE, EmComm mentor, ARES/RACES AEC.
> President of Four Lakes Amateur Radio Club in
> Madison, WI.
>
> My current radio-related activity is focused on
> getting my antennas and
> tower re-installed, so I can perhaps make a QSO or
> two. :-(
> [small village politics and interfering
> neighbors...]
>
> 73 to all, and hope you'll enlighten me on the
> things I should know about a
> TS-450!
>
> -----
> Welcome new member W9GOC to the group. Please
> introduce yourself.
>
>

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# 1263. Re: [TS-850_450_690] TS-850S ALC Adjustment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-16 02:21:27 UTC
From: Bill
Topic: 1258  Message: 1263

mine gets nuts only when rf feedback is a problem or
when the power supply starts getting wierd.

bill

--- ko4nrbs <ko4nrbs@...> wrote:
> While using the mic gain to keep the ALC within the
> red line I have
> found it requires frequent adjustment. It does not
> stay adjusted
> long. I drive a linear amplifier with the rig using
> the keying
> interface found on the 850S repair page. This
> happens with the auto
> tuner on or off. Anyone else experienced this?
> 73,
> Bill Smith KO4NR
>
>
>

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# 1264. TS-850S/AT for Sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-16 06:14:36 UTC
From: D.Cy Gacuzana
Topic: 1264  Message: 1264

Going to try a Pegasus!
Yes, the 850 & white winged pony are not even in the same league!
850= serious DX/Contest radio.
Peg= rumored to be fun, different, okay wow factor, space-saving and great for casual operating in non-overcrowded contest or non-massive multi pile-up conditions.
I just don't have the time for real contesting at this stage in life.
Full story of 850 for sale can be seen on eHam Classifieds under HF Radios search on 850.
If interested, small picture and details there.
Wellness to All.
73, W3DCG.

---
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[Non-text portions of this message have been removed]

# 1265. RE 850 for sale...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-16 15:38:32 UTC
From: D.Cy Gacuzana
Topic: 1265  Message: 1265

I just cannot bring myself to do it!
I change my mind!
Maybe after several months of the Pegasus, I'll see if i HAVE to sell the rig.
At this juncture, i thought I had to, but a windfall occured, and so,
What can i say besides Kenwood may never make a receiver as good as they made the one in the 850. If I sold it I KNOW I'd regret it some day. If I become unemployed someday I might let it go.

Thanks for the post and the response.
73.

---
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[Non-text portions of this message have been removed]

# 1266. Re: [TS-850_450_690] RE 850 for sale...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-16 17:23:37 UTC
From: Bill
Topic: 1265  Message: 1266

Cool!

You would probably not get what it's worth anyway...
if you don't have to sell older gear, DON'T.

Besides you need a backup. I think the Pegasus would
make a GREAT backup rig! hi!

bill

--- "D.Cy Gacuzana" <gacuzana@...> wrote:
> I just cannot bring myself to do it!
> I change my mind!
> Maybe after several months of the Pegasus, I'll see
> if i HAVE to sell the rig.
> At this juncture, i thought I had to, but a windfall
> occured, and so,
> What can i say besides Kenwood may never make a
> receiver as good as they made the one in the 850. If
> I sold it I KNOW I'd regret it some day. If I
> become unemployed someday I might let it go.
>
> Thanks for the post and the response.
> 73.
>
>
>
> ---------------------------------
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> [Non-text portions of this message have been
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# 1267. RLS-135 dioda

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-17 12:04:55 UTC
From: Dragan Davkovski
Topic: 1265  Message: 1267

Hi everyone,

would like to know where I could find and buy dioda's RLS-135 ?
This part is unavailable here in Macedonia so I have to look on some other place, in to the USA for example.
Thanks for the help in advance !

73 Dragan Z32XX

---
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[Non-text portions of this message have been removed]

# 1268. Re: [TS-850_450_690] RLS-135 dioda

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-17 12:26:36 UTC
From: Bill
Topic: 1265  Message: 1268

I can mail these to you. How many you need and what is
your address? Reply direct if desired.

73,

Bill K0ZL

--- Dragan Davkovski <davkovski@...> wrote:
> Hi everyone,
>
> would like to know where I could find and buy
> dioda's RLS-135 ?
> This part is unavailable here in Macedonia so I have
> to look on some other place, in to the USA for
> example.
> Thanks for the help in advance !
>
> 73 Dragan Z32XX
>
>
>
>
> ---------------------------------
> Do you Yahoo!?
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> design software
>
> [Non-text portions of this message have been
> removed]
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>

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# 1269. Re: [TS-850_450_690] RLS-135 dioda

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-17 12:27:01 UTC
From: Bill
Topic: 1265  Message: 1269

Also tell me how fast you want them; will have a
drastic effect on the cost! hi

bill

--- Dragan Davkovski <davkovski@...> wrote:
> Hi everyone,
>
> would like to know where I could find and buy
> dioda's RLS-135 ?
> This part is unavailable here in Macedonia so I have
> to look on some other place, in to the USA for
> example.
> Thanks for the help in advance !
>
> 73 Dragan Z32XX
>
>
>
>
> ---------------------------------
> Do you Yahoo!?
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# 1270. 850 now not for sale.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-17 15:26:44 UTC
From: D.Cy Gacuzana
Topic: 1270  Message: 1270

<You would probably not get what it's worth anyway...
if you don't have to sell older gear, DON'T.

Besides you need a backup. I think the Pegasus would
make a GREAT backup rig! hi!>

hi hi! Tnx Bill.
You know, they do not even-
make the KNOB like that anymore!
Your are totally right tho, as I now have about 1150.00T into it. The only missing part as compared to the newer rigs in this range is DSP/noise reduction.
Otherwise, for pulling the just below the noise signals out of the mud when the plus S9 signal is 1-2 Khz away, the 850
simply, BLOWS DOORS, even today.

Of course this becomes evident only in massive pile-ups and big contest weekends when working normal to weaker signals. And I was planning on doing the NA Sprint a few times!

73.

---
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[Non-text portions of this message have been removed]

# 1271. Re: [TS-850_450_690] 850 now not for sale.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-17 15:42:05 UTC
From: Bill
Topic: 1270  Message: 1271

Wonder what the 850 would be like with a narrow
roofing filter, as the 870 owners are doing?

b

--- "D.Cy Gacuzana" <gacuzana@...> wrote:
> <You would probably not get what it's worth
> anyway...
> if you don't have to sell older gear, DON'T.
>
> Besides you need a backup. I think the Pegasus
> would
> make a GREAT backup rig! hi!>
>
> hi hi! Tnx Bill.
> You know, they do not even-
> make the KNOB like that anymore!
> Your are totally right tho, as I now have about
> 1150.00T into it. The only missing part as compared
> to the newer rigs in this range is DSP/noise
> reduction.
> Otherwise, for pulling the just below the noise
> signals out of the mud when the plus S9 signal is
> 1-2 Khz away, the 850
> simply, BLOWS DOORS, even today.
>
> Of course this becomes evident only in massive
> pile-ups and big contest weekends when working
> normal to weaker signals. And I was planning on
> doing the NA Sprint a few times!
>
> 73.
>
>
>
> ---------------------------------
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# 1272. TS 850 Mod in QST

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-17 19:01:12 UTC
From: Cindy Kozwoski
Topic: 1272  Message: 1272

Note the antenna tuner mod in this month's QST. Cindy

_____
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# 1273. Re: TS 850 Mod in QST

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-17 20:13:30 UTC
From: Max
Topic: 1272  Message: 1273

--- In TS-850_450_690@yahoogroups.com, Cindy Kozwoski
<cindyfairvill@y...> wrote:
> Note the antenna tuner mod in this month's QST. Cindy

Please elaborate Cindy, I don't get QST.
Max

# 1274. Re: [TS-850_450_690] TS 850 Mod in QST

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-18 00:06:25 UTC
From: Paul Manuel
Topic: 1272  Message: 1274

--- Cindy Kozwoski <cindyfairvill@...> wrote:
> Note the antenna tuner mod in this month's QST. Cindy

Please give us a hint as to what it is about, for those of us whose memberhip has lapsed!
73,
Paul K4PDM

_____
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# 1275. Re: [TS-850_450_690] TS 850 Mod in QST

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-18 12:58:54 UTC
From: Bill
Topic: 1272  Message: 1275

Yep, looks good.

bill

--- Cindy Kozwoski <cindyfairvill@...> wrote:
> Note the antenna tuner mod in this month's QST.
> Cindy
>
> _____________________________________
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# 1276. Re: [TS-850_450_690] Re: TS 850 Mod in QST

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-18 12:59:53 UTC
From: Bill
Topic: 1272  Message: 1276

Want me to scan it for ya?

b

--- Max <ve3tmt@...> wrote:
> --- In TS-850_450_690@yahoogroups.com, Cindy
> Kozwoski
> <cindyfairvill@y...> wrote:
> > Note the antenna tuner mod in this month's QST.
> Cindy
>
> Please elaborate Cindy, I don't get QST.
> Max
>
>

=====

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# 1277. TS 690S Receiver Dead

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-19 00:17:32 UTC
From: kd4em
Topic: 1277  Message: 1277

My almost 10 year old TS 690S has lost its receive sensitivity, it can only very weakly receive a couple of strong broadcast stations and a strong 6 meter repeater. I sent it to Kenwoods eastern service center & they returned it to me the day after receiving it saying it was lightning damaged and not worth repairing, need to buy a new radio. I suspect the problem is not too major (diode, transistor etc) on the RF board. Has anyone had this problem or could offer any suggestions? I hate to just throw it away since transmit and all other functions seem to work. Thanks in advance for any help or ideas.
73
Doug
KD4EM

# 1278. Re: [TS-850_450_690] TS 690S Receiver Dead

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-19 01:40:21 UTC
From: Al n7ioh
Topic: 1277  Message: 1278

Doug, you might try contacting Burghardt Amateur Center. I have read very good reviews on eHam.net about their service with Kenwood radios that were in very bad condition. You can contact them at service@... or 1-800-927-4261. You can go to www.eHam.net/ and read the reviews of Burghardt and others under, "Amateur Radio Equipment Repair Service".
Also I saw an add on www.eHam.net/ for a person looking for a used TS-690S for parts if worse comes to worse. His adds were posted on August 7th and the 15th. Contact Tom KC0PLH, 417-883-1686 or nbclitom@... .
Also saw two TS-690S radios for sale on eHam listed July 12th and July 20th. And if you don't need 6 Meters there was a TS-850 listed today for $950.
Doug, hope you are able to get that radio fixed, I love my TS-690S. I was going to sell mine about a month ago but canceled the add, to good to sell.

Al N7IOH
----- Original Message -----
From: kd4em
To: TS-850_450_690@yahoogroups.com
Sent: Monday, August 18, 2003 5:17 PM
Subject: [TS-850_450_690] TS 690S Receiver Dead

My almost 10 year old TS 690S has lost its receive sensitivity, it
can only very weakly receive a couple of strong broadcast stations
and a strong 6 meter repeater. I sent it to Kenwoods eastern service
center & they returned it to me the day after receiving it saying it
was lightning damaged and not worth repairing, need to buy a new
radio. I suspect the problem is not too major (diode, transistor etc)
on the RF board. Has anyone had this problem or could offer any
suggestions? I hate to just throw it away since transmit and all
other functions seem to work. Thanks in advance for any help or ideas.
73
Doug
KD4EM

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---
Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.510 / Virus Database: 307 - Release Date: 8/14/2003

[Non-text portions of this message have been removed]

# 1279. Re: [TS-850_450_690] TS 690S Receiver Dead

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-19 02:12:34 UTC
From: Eric
Topic: 1277  Message: 1279

I bought an 850, third owner of the unit, and the first and original owner had it touched by lightening. How bad? I don't know, but usually they are 'on' or 'off' and it was some of the transistors and diodes. Places always say it is not worth fixing, well, of course they want you to buy new--from them!! The way I see it several hundred dollars is worth it as it sure beats the price of new and it is worth it to me--much life left. I plan on keeping my 850 alive as long as parts are available and one more thing, the 850 has better receive than the ts 2000. I own both.

Eric

----- Original Message -----
From: "Al n7ioh" <n7ioh@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, August 18, 2003 8:40 PM
Subject: Re: [TS-850_450_690] TS 690S Receiver Dead

> Doug, you might try contacting Burghardt Amateur Center. I have read very good reviews on eHam.net about their service with Kenwood radios that were in very bad condition. You can contact them at service@... or 1-800-927-4261. You can go to www.eHam.net/ and read the reviews of Burghardt and others under, "Amateur Radio Equipment Repair Service".
> Also I saw an add on www.eHam.net/ for a person looking for a used TS-690S for parts if worse comes to worse. His adds were posted on August 7th and the 15th. Contact Tom KC0PLH, 417-883-1686 or nbclitom@... .
> Also saw two TS-690S radios for sale on eHam listed July 12th and July 20th. And if you don't need 6 Meters there was a TS-850 listed today for $950.
> Doug, hope you are able to get that radio fixed, I love my TS-690S. I was going to sell mine about a month ago but canceled the add, to good to sell.
>
> Al N7IOH
> ----- Original Message -----
> From: kd4em
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, August 18, 2003 5:17 PM
> Subject: [TS-850_450_690] TS 690S Receiver Dead
>
>
> My almost 10 year old TS 690S has lost its receive sensitivity, it
> can only very weakly receive a couple of strong broadcast stations
> and a strong 6 meter repeater. I sent it to Kenwoods eastern service
> center & they returned it to me the day after receiving it saying it
> was lightning damaged and not worth repairing, need to buy a new

> radio. I suspect the problem is not too major (diode, transistor etc)
> on the RF board. Has anyone had this problem or could offer any
> suggestions? I hate to just throw it away since transmit and all
> other functions seem to work. Thanks in advance for any help or ideas.
> 73
> Doug
> KD4EM
>
>
>
> Yahoo! Groups Sponsor
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system (http://www.grisoft.com).
> Version: 6.0.510 / Virus Database: 307 - Release Date: 8/14/2003
>
> [Non-text portions of this message have been removed]
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>
> THANKS FOR USING TS-850_450_690@...
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>
>

# 1280. Re: [TS-850_450_690] TS 690S Receiver Dead

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-19 02:45:05 UTC
From: Bill
Topic: 1277  Message: 1280

Hey I've blown my 850 up three times... twice on lightnin', and once on an amp that I was GOING to fix for a guy... seems he "forgot" to tell me that because of the way he had it wired for 230, it had to be "connected to earth ground" to "work right". Crap. Guess where it found ground? Yep, thru the 850! well natch it blew up everything that hangs on the SS line to key the rig, so it was stuck in TX mode 8 ways from sunday. Then of course D30 blows, and so on and so forth.. I didn't know that rig could be keyed up in so many ways! (COUNT 'EM: MIC; CW KEY; CW KEYER; VOX, AT UNIT; EXTERNAL SS (filter cap was shorted); FORGOT TWO OTHERS!

hehe

"Thunder is good; thunder is impressive. But it's lightning that does the work." (Sam Clemens). Work, indeed...

bill
--- Eric <mulder@...> wrote:
> I bought an 850, third owner of the unit, and the
> first and original owner
> had it touched by lightening. How bad? I don't
> know, but usually they are
> 'on' or 'off' and it was some of the transistors and
> diodes. Places always
> say it is not worth fixing, well, of course they
> want you to buy new--from
> them!! The way I see it several hundred dollars is
> worth it as it sure
> beats the price of new and it is worth it to
> me--much life left. I plan on
> keeping my 850 alive as long as parts are available
> and one more thing, the
> 850 has better receive than the ts 2000. I own
> both.
>
> Eric
>
>
> ----- Original Message -----
> From: "Al n7ioh" <n7ioh@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Monday, August 18, 2003 8:40 PM

> Subject: Re: [TS-850_450_690] TS 690S Receiver Dead
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> > Doug, you might try contacting Burghardt
> Amateur Center. I have read
> very good reviews on eHam.net about their service
> with Kenwood radios that
> were in very bad condition. You can contact them at
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> 7th and the 15th. Contact Tom KC0PLH, 417-883-1686
> or nbclitom@... .
> > Also saw two TS-690S radios for sale on eHam
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> 20th. And if you don't need 6 Meters there was a
> TS-850 listed today for
> $950.
> > Doug, hope you are able to get that radio
> fixed, I love my TS-690S. I
> was going to sell mine about a month ago but
> canceled the add, to good to
> sell.
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> > From: kd4em
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Monday, August 18, 2003 5:17 PM
> > Subject: [TS-850_450_690] TS 690S Receiver Dead
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> receiving it saying it
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> need to buy a new
> > radio. I suspect the problem is not too major
> (diode, transistor etc)

> > on the RF board. Has anyone had this problem or
> could offer any
> > suggestions? I hate to just throw it away since
> transmit and all
> > other functions seem to work. Thanks in advance
> for any help or ideas.
> > 73
> > Doug
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> >
> > Yahoo! Groups Sponsor
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> > THANKS FOR USING TS-850_450_690@...
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see our website www.amateur-repairs.com

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http://sitebuilder.yahoo.com

# 1281. Re: [TS-850_450_690] TS 690S Receiver Dead

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-19 02:59:48 UTC
From: Eric
Topic: 1277  Message: 1281

I take it you have it repaired after the 3rd mishap?

Eric

----- Original Message -----
From: "Bill" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, August 18, 2003 9:45 PM
Subject: Re: [TS-850_450_690] TS 690S Receiver Dead

> Hey I've blown my 850 up three times... twice on
> lightnin', and once on an amp that I was GOING to fix
> for a guy... seems he "forgot" to tell me that because
> of the way he had it wired for 230, it had to be
> "connected to earth ground" to "work right". Crap.
> Guess where it found ground? Yep, thru the 850! well
> natch it blew up everything that hangs on the SS line
> to key the rig, so it was stuck in TX mode 8 ways from
> sunday. Then of course D30 blows, and so on and so
> forth.. I didn't know that rig could be keyed up in so
> many ways! (COUNT 'EM: MIC; CW KEY; CW KEYER; VOX, AT
> UNIT; EXTERNAL SS (filter cap was shorted); FORGOT TWO
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> hehe
>
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> bill
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> > know, but usually they are
> > 'on' or 'off' and it was some of the transistors and
> > diodes. Places always
> > say it is not worth fixing, well, of course they
> > want you to buy new--from
> > them!! The way I see it several hundred dollars is
> > worth it as it sure
> > beats the price of new and it is worth it to
> > me--much life left. I plan on
> > keeping my 850 alive as long as parts are available
> > and one more thing, the

> > 850 has better receive than the ts 2000. I own
> > both.
> >
> > Eric
> >
> >
> > ----- Original Message -----
> > From: "Al n7ioh" <n7ioh@...>
> > To: <TS-850_450_690@yahoogroups.com>
> > Sent: Monday, August 18, 2003 8:40 PM
> > Subject: Re: [TS-850_450_690] TS 690S Receiver Dead
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> > > Doug, you might try contacting Burghardt
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> > service@... or 1-800-927-4261.
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> > > Also I saw an add on www.eHam.net/ for a
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> > > Also saw two TS-690S radios for sale on eHam
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> > sell.
> > >
> > > Al N7IOH
> > > ----- Original Message -----
> > > From: kd4em
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Monday, August 18, 2003 5:17 PM
> > > Subject: [TS-850_450_690] TS 690S Receiver Dead
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> > > Yahoo! Groups Sponsor
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> > > THANKS FOR USING TS-850_450_690@...
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> =====
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> see our website www.amateur-repairs.com
>
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> Do you Yahoo!?
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# 1282. Re: [TS-850_450_690] TS 690S Receiver Dead

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-19 12:20:42 UTC
From: Bill
Topic: 1277  Message: 1282

I have repaired it each time.

I am very happy with the rig. If they were to build
radios to withstand nearly every perturbance that
comes along, we couldn't afford them (except the
FT-1000, seems to be nearly bullet proof).

bill

--- Eric <mulder@...> wrote:
> I take it you have it repaired after the 3rd mishap?
>
> Eric
>
>
> ----- Original Message -----
> From: "Bill" <coorsbill@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Monday, August 18, 2003 9:45 PM
> Subject: Re: [TS-850_450_690] TS 690S Receiver Dead
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> > > Eric
> > >
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> > > ----- Original Message -----
> > > From: "Al n7ioh" <n7ioh@...>
> > > To: <TS-850_450_690@yahoogroups.com>
> > > Sent: Monday, August 18, 2003 8:40 PM
> > > Subject: Re: [TS-850_450_690] TS 690S Receiver
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> > > > Yahoo! Groups Sponsor
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> > > > THANKS FOR USING
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> > see our website www.amateur-repairs.com
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> > _____
> > Do you Yahoo!?
> > Yahoo! SiteBuilder - Free, easy-to-use web site
> design software
> > http://sitebuilder.yahoo.com
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_____
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http://sitebuilder.yahoo.com

# 1283. re TS 690 RX Dead.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-19 16:01:36 UTC
From: D.Cy Gacuzana
Topic: 1283  Message: 1283

<<Places always
> > say it is not worth fixing, well, of course they
> > want you to buy new--from
> > them!! The way I see it several hundred dollars is
> > worth it as it sure
> > beats the price of new and it is worth it to
> > me--much life left. I plan on
> > keeping my 850 alive as long as parts are available
> > and one more thing, the
> > 850 has better receive than the ts 2000. I own
> > both.>>

I got my 850 from eBay, looked super, came with filters, original boxes, hand mic never was used. RX died. Sent to N4DA. It crapped out a few days after his warranty period. Fine, it was another FET and diode farther down the chain. But- He never returned my calls nor emails.
I emailed AVS/Kenwood Service East. Steve Schrader did a good job on it, or his techs and he. Seems like there are now 6 new FETS and a few diodes, and it works wonderfully. I'm keeping it. The 850 ROCKS.
I just received a Pegasus. The DSP is ok. The receiver in the Pegasus in NO WHERE NEAR the 850. Apples and Oranges on A/B. I'll keep the Peg, it's fun.
However, truly, for the cost, and factoring in repairs, I'd say I've paid 300 more than what a new 570DG would cost. But- the filtering schemes available in the 850 place it still as a better radio IMO. For weak signal performance in the presence of strong signals, the 850 handily out paces. Check QST Reviews BDR/MDS figures 500Hz filter. The BDR figures of the 850 truly blow doors on anything available today in the same price range, and beyond. Operating the 850 confirms the figures. If you cannot dig the signal out on an 850, it cannot be dug out on any other radio!
Unless your have say, an Orion with several antenna configurations, and optional crystal filters, and take advantage of Diversity Reception (one receiver listening on say a beverage or Vertical, the other on a different say beverage or other wire antenna, and using the balance circuit to mix it to your headphones, Left and Right simultaneously). Yaesu can equal and rival, but due to me doing CW a lot, and Yaesu 1000D and MP and Mark Five suffering poor CW waveform, READILY apparent in Fast QSK mode,
I never considered Yaesu, even if I could pay over 2 grand for one and a few hundred more on filters. Orion can rival too! At what cost? hi hi.

I had an EXCELLENT experience with AVS/Kenwood Service East, and the bill was around 200 bux for me, including shipping!!! Steve Schrader runs an honest boat, and they are good. They fix all manner of Kenwood appliances, but roots are in Ham radio.

FYI, 73,
W3DCG.

---
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[Non-text portions of this message have been removed]

# 1284. TS 850 Antenna Tuner Mod in September 2003 QST

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-19 17:52:26 UTC
From: Cindy Kozwoski
Topic: 1284  Message: 1284

The factory set antenna tuner only tunes the
transmitter output. The mod allows the tuner to tune
both the receiver and transmitter (except for cross
band operation). Cindy.

---
Do you Yahoo!?
Yahoo! SiteBuilder - Free, easy-to-use web site design software
http://sitebuilder.yahoo.com

# 1285. Re: TS 850 Antenna Tuner Mod in September 2003 QST

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-19 19:20:00 UTC
From: Max
Topic: 1284  Message: 1285

--- In TS-850_450_690@yahoogroups.com, Cindy Kozwoski
<cindyfairvill@y...> wrote:
> The factory set antenna tuner only tunes the
> transmitter output. The mod allows the tuner to tune
> both the receiver and transmitter (except for cross
> band operation). Cindy.

Cindy,

Check out the mods folder in the files section. I wrote the very
same mod up in June. I wonder if someone has copied my work and
sent it in for publishing.

Max

# 1286. Re: [TS-850_450_690] Re: TS 850 Antenna Tuner Mod in September 2003 QST

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-20 00:24:18 UTC
From: Paul Manuel
Topic: 1284  Message: 1286

--- Max <ve3tmt@...> wrote:
> Check out the mods folder in the files section. I wrote the very
> same mod up in June. I wonder if someone has copied my work and
> sent it in for publishing.

Are these two the same as the tuner mod that came out shortly after the
850 was introduced? That one is available at several web sites, as well as
QST and Hints & Kinks, as I recall.
73,
Paul K4PDM

_____
Do you Yahoo!?
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http://sitebuilder.yahoo.com

# 1287. Re: [TS-850_450_690] Re: TS 850 Antenna Tuner Mod in September 2003 QST

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-20 13:35:19 UTC
From: Bill
Topic: 1284  Message: 1287

I really think this is one of those deals that more
than one person arrives at a similar solution at the
same time.

b

--- Paul Manuel <k4pdm@...> wrote:
>
> --- Max <ve3tmt@...> wrote:
> > Check out the mods folder in the files section. I
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> copied my work and
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> 850 was introduced? That one is available at several
> web sites, as well as
> QST and Hints & Kinks, as I recall.
> 73,
> Paul K4PDM
>
> _____
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>

=====

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# 1288. Re: TS 850 Antenna Tuner Mod in September 2003 QST

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-20 13:57:20 UTC
From: Max
Topic: 1284  Message: 1288

I haven't seen the QST article so I can't take any credit at this point!!

# 1289. Return comments

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-23 11:55:00 UTC
From: Paul
Topic: 1289  Message: 1289

Hello Folks
Regarding my intention to buy a 2nd hand 850. I eventually did.

What an excellent piece of kit - recently had a qso into Norway using 25W on 80M. Amazed how easy this unit is to get going after a slight confusion over the tuner. [Always read the masnual after you mess up the first ten attempts]!

Thanks to those of you on the group who advised me when I was considering the worthwhile purchase.

Very 73
Paul
G7VAK

# 1290. Re: [TS-850_450_690] Return comments

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-23 18:48:09 UTC
From: Bill
Topic: 1289  Message: 1290

Good luck with the new rig, Paul!

73,

Bill K0ZL

--- Paul <g7vak@...> wrote:
> Hello Folks
> Regarding my intention to buy a 2nd hand 850. I
> eventually did.
>
> What an excellent piece of kit - recently had a qso
> into Norway
> using 25W on 80M. Amazed how easy this unit is to
> get going after a
> slight confusion over the tuner. [Always read the
> masnual after you
> mess up the first ten attempts]!
>
> Thanks to those of you on the group who advised me
> when I was
> considering the worthwhile purchase.
>
> Very 73
> Paul
> G7VAK
>
>

=====

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# 1291. dsp100+690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-24 11:26:37 UTC
From: declan mayock
Topic: 1291  Message: 1291

hi all

declan here from Ireland,just joined the group looks
great keep up the good work lads,some info on myself
I'm 17 years old and have a KW TS690+DSP100 and also
the MC60 desk Mic,i was wondering if any one could
suggest a good setting for me to use my dsp100 on, i
don't have it long and would like to use it to its
full potential,i would be mostly using it on the ssb
modes for dx any suggestions would be great,thanks in
advance,

Declan
73'sss

=====
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http://Launch.yahoo.com/launchcast/play/?Clientstationid=11&p=o&m=o&d=1230165775

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# 1292. Re: [TS-850_450_690] dsp100+690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-08-25 13:10:20 UTC
From: Bill
Topic: 1291  Message: 1292

Welcome Declan and thanks. Enjoy the group.

I have not a DSP100 so can't help you there... best
thing is get on-air reports and see what sounds best.

bill

--- declan mayock <declan169@...> wrote:
> hi all
>
> declan here from Ireland,just joined the group looks
> great keep up the good work lads,some info on myself
> I'm 17 years old and have a KW TS690+DSP100 and also
> the MC60 desk Mic,i was wondering if any one could
> suggest a good setting for me to use my dsp100 on, i
> don't have it long and would like to use it to its
> full potential,i would be mostly using it on the ssb
> modes for dx any suggestions would be great,thanks
> in
> advance,
>
> Declan
> 73'sss
>
> =====
> Please Visit My On Line Radio Station At:
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http://Launch.yahoo.com/launchcast/play/?Clientstationid=11&p=o&m=o&d=1230165775
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# 1295. TS 850 Lithium Battery Replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-09 20:05:01 UTC
From: Cindy Kozwoski
Topic: 1295  Message: 1295

The transceiver is 10 years old and the battery needs
replacing. Took off the front panel. Battery is not
leaking but the ribbon connectors look very fragile,
and there are a lot of them. Now what?

Cindy

_____
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# 1296. Re: [TS-850_450_690] TS 850 Lithium Battery Replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-09 23:07:04 UTC
From: Charles Bird
Topic: 1295  Message: 1296

Cindy -- Change the battery. Take a look at the Photos
section to this page (left margin). I posted there a
picture that shows what to do. Not obvious is the
fact that you must loosen the circuit board that holds
the battery and cut the leads from the battery to the
board. It's a good idea to clean out those solder
points. The pic tells the rest. 73 --Charlie K6HTM
~~~~~~~~~~~~~~
--- Cindy Kozwoski <cindyfairvill@...> wrote:
> The transceiver is 10 years old and the battery
> needs
> replacing. Took off the front panel. Battery is not
> leaking but the ribbon connectors look very fragile,
> and there are a lot of them. Now what?
>
> Cindy
>
> _________________________________
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>

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~~~~~~~~~~~~~~

# 1297. Re: [TS-850_450_690] TS 850 Lithium Battery Replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-09 23:47:54 UTC
From: Bill
Topic: 1295  Message: 1297

Firmly grasp both sides of each ribbon cable on the top edge of the board, right where they go into the edge connectors and work them out. They will plug in the same way.

Remove all screws from the control unit so it will drop down, top edge toward you.

Unsolder the batt. You will have to heat each batt connection point and gently pry the batt out one leg at a time, as these holes rarely desolder cleanly.

When resoldering the new batt, make sure you use a grounded iron AND that the radio is NOT REPEAT NOT grounded; lest you short the battery with the iron.

b

Cindy Kozwoski <cindyfairvill@...> wrote:
The transceiver is 10 years old and the battery needs
replacing. Took off the front panel. Battery is not
leaking but the ribbon connectors look very fragile,
and there are a lot of them. Now what?

Cindy

_____
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[Non-text portions of this message have been removed]

# 1298. TS570 "hidden menu"

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-19 12:16:44 UTC
From: Max
Topic: 1298  Message: 1298

I realize this is off-topic, but I have a problem. Any users of the TS570 on here who might be able to help. I need the default menu settings for the s-meter calibration. This menu is accessed by shorting pins 8 & 9 (ground & PTT) on the accy plug, then pressing and holding the [LSB/USB] & [N.R.] buttons down while powering up the radio. This brings up the service adjustment menu. I need the values for menu items 2,3, 4 and 5.

I would be interested in all the menu values if someone could e-mail them to me so I can keep in the service manual.

Thanks,

Max

# 1299. Re: [TS-850_450_690] TS570 "hidden menu"

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-19 14:17:39 UTC
From: Bill
Topic: 1298  Message: 1299

As you indicated, you have the svc manual and the values are not in there... because they are different for every rig. Another 570 owner may be able to give you theirs for starters.

For SSB squelch, try setting your rig in SSB, adjust the squelch on dummy load to 9 o'clock, and change menu setting 2 so that the speaker just opens. Then close it.

For S1, again on DL, set so S meter just barely comes off of first position.

For s9, find any of the big guns on 20 during the day, and set them to 10 or 15 over.

For full scale, go to your local AMBC station on a longwire.. that should do it.

Now, question for you: This will only work if the radio is in operating mode as the calibration settings are being done; when you put it in menu setting mode, can you in fact operate the controls to gain the above conditions?

bill

Max <ve3tmt@...> wrote:
I realize this is off-topic, but I have a problem. Any users of the
TS570 on here who might be able to help. I need the default menu
settings for the s-meter calibration. This menu is accessed by
shorting pins 8 & 9 (ground & PTT) on the accy plug, then pressing
and holding the [LSB/USB] & [N.R.] buttons down while powering up
the radio. This brings up the service adjustment menu. I need the
values for menu items 2,3, 4 and 5.

I would be interested in all the menu values if someone could e-mail
them to me so I can keep in the service manual.

Thanks,

Max

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[Non-text portions of this message have been removed]

# 1300. Re: TS570 "hidden menu"

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-19 23:29:00 UTC
From: Max
Topic: 1298  Message: 1300

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> As you indicated, you have the svc manual and the values are not in there... because they are different for every rig. Another 570 owner may be able to give you theirs for starters.

That is the route I took Bill, and it has given me a good starting point.

> For s9, find any of the big guns on 20 during the day, and set them to 10 or 15 over.

Unfortunately in the adjustment menu you have no idea what frequency you are on.

> For full scale, go to your local AMBC station on a longwire.. that should do it.

See above!!

> Now, question for you: This will only work if the radio is in operating mode as the calibration settings are being done; when you put it in menu setting mode, can you in fact operate the controls to gain the above conditions?

Not all the controls work when in adjustment mode. I have figured out how to calibrate the s-meter. Depending on the signal level coming into the antenna jack, when you hit the up or down button it stores a code. So either you remember what the code was for your particular radio, or use the calibrated output of the signal generator and hit the button as per the signal level. Tedious, but accurate!

# 1301. CW filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-25 01:45:32 UTC
From: Stu Satrun
Topic: 1301  Message: 1301

Just go a ts 850, but will need to stack some 500 hz
cw filters. I have little experience with Kenwood
filters, should I look there or trot over to Inrad?
Seems like a nice radio, have it next to the IC-765,
we shall see.
73
Stu kw8k
Mostly CW, frightened of microphones.

_____
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# 1302. Re: CW filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-25 02:03:17 UTC
From: Max
Topic: 1301  Message: 1302

--- In TS-850_450_690@yahoogroups.com, Stu Satrun <kc8lah@y...>
wrote:
> Just go a ts 850, but will need to stack some 500 hz
> cw filters. I have little experience with Kenwood
> filters, should I look there or trot over to Inrad?
> Seems like a nice radio, have it next to the IC-765,
> we shall see.
> 73
> Stu kw8k
> Mostly CW, frightened of microphones.

Welcome to the group Stu,

I would check out the INRAD filters. I think they are a little
sharper thann the Kenwood equivalent, and probably a bit cheaper
too. The 850 is a great radio. And they are very well known for
their beautiful SSB audio. I don't think there is a bad thing to
say about them! I am currently running a TS570SG having owned an
850 a while back. Will probably pick another one up in the future,
really miss mine, although I am enjoying the 570.

Max

# 1303. Re: [TS-850_450_690] CW filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-25 02:08:49 UTC
From: Bill
Topic: 1301  Message: 1303

Stu the Kenwood filters work fine in mine, but I think if I had it to do over I would get the 400 hz filters from Inrad; I installed a pair in an 870 and it was AWESOME... like 250 hz brick wall when both were turned on, but still able to copy up to my limit on speed.

b

Stu Satrun <kc8lah@...> wrote:
Just go a ts 850, but will need to stack some 500 hz
cw filters. I have little experience with Kenwood
filters, should I look there or trot over to Inrad?
Seems like a nice radio, have it next to the IC-765,
we shall see.
73
Stu kw8k
Mostly CW, frightened of microphones.

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[Non-text portions of this message have been removed]

# 1304. Re: [TS-850_450_690] Re: CW filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-25 02:09:29 UTC
From: Bill
Topic: 1301  Message: 1304

Max, go with an 870... I am impressed, best AM receiver I have ever heard too!

b

Max <ve3tmt@...> wrote:
--- In TS-850_450_690@yahoogroups.com, Stu Satrun <kc8lah@y...>
wrote:
> Just go a ts 850, but will need to stack some 500 hz
> cw filters. I have little experience with Kenwood
> filters, should I look there or trot over to Inrad?
> Seems like a nice radio, have it next to the IC-765,
> we shall see.
> 73
> Stu kw8k
> Mostly CW, frightened of microphones.

Welcome to the group Stu,

I would check out the INRAD filters. I think they are a little
sharper thann the Kenwood equivalent, and probably a bit cheaper
too. The 850 is a great radio. And they are very well known for
their beautiful SSB audio. I don't think there is a bad thing to
say about them! I am currently running a TS570SG having owned an
850 a while back. Will probably pick another one up in the future,
really miss mine, although I am enjoying the 570.

Max

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# 1305. Re: CW filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-25 03:02:45 UTC
From: Max
Topic: 1301  Message: 1305

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> Max, go with an 870... I am impressed, best AM receiver I have
ever heard too!

I certainly would like to have the 870 Bill. They are not too badly priced on the used market. I am really enjoying the 570. Dropped a 3 khz filter into it from a 930 and the audio soulds very crisp. Of course the studio mic and EQ help too!

Max

# 1306. TS-450 S-meter problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-25 16:09:24 UTC
From: James Baldwin
Topic: 1306  Message: 1306

My TS-450 SAT has a new problem. The s-meter is stuck in the full right red position and there is no audio output. Sometimes when I wiggle the RF Gain control the meter slowly backs down to normal and the radio works fine. Next time I power up, same problem. I assume the RF Gain control switch is going bad, but maybe there is more to it? I've checked all the other obvious controls such as Squelch. Does anyone have any advice on checking/fixing this myself?

Thanks
James
ZS5JSB

# 1307. Re: [TS-850_450_690] TS-450 S-meter problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-25 17:35:20 UTC
From: RobertV
Topic: 1306  Message: 1307

At 25/09/2003 17:09, you wrote:
>Content-Transfer-Encoding: 7bit
>
>My TS-450 SAT has a new problem. The s-meter is stuck in the full
>right red position and there is no audio output. Sometimes when I
>wiggle the RF Gain control the meter slowly backs down to normal and
>the radio works fine. Next time I power up, same problem. I assume
>the RF Gain control switch is going bad, but maybe there is more to
>it? I've checked all the other obvious controls such as Squelch. Does
>anyone have any advice on checking/fixing this myself?
>
>Thanks
>James
>ZS5JSB

Sounds like it could just be the control. With the RF gain fully round the
symptoms are the same. Maybe worth a little switch cleaner as a test
before replacing the control.

Robert
www.MM0ANT.co.uk

"The man who can make a good tag line is a man better than I."

# 1308. RES: [TS-850_450_690] TS-450 S-meter problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-25 17:47:43 UTC
From: ZZ5CAW
Topic: 1306  Message: 1308

James,

It happens to my, if I turn the rf gain fully counter clockwyse, try tu
turn the rf gain fully clockwyse and see what happens.

73´s

Carlos
ZZ5CAW
Brazil

-----Mensagem original-----
De: James Baldwin [mailto:yachtatom@...]
Enviada em: quinta-feira, 25 de setembro de 2003 13:09
Para: TS-850_450_690@yahoogroups.com
Assunto: [TS-850_450_690] TS-450 S-meter problem

My TS-450 SAT has a new problem. The s-meter is stuck in the full
right red position and there is no audio output. Sometimes when I
wiggle the RF Gain control the meter slowly backs down to normal and
the radio works fine. Next time I power up, same problem. I assume
the RF Gain control switch is going bad, but maybe there is more to
it? I've checked all the other obvious controls such as Squelch. Does
anyone have any advice on checking/fixing this myself?

Thanks
James
ZS5JSB

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de=30510&media=zone> click here

<http://us.adserver.yahoo.com/l?M=194081.3897168.5135684.1261774/D=egrou
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# 1309. Re: [TS-850_450_690] TS-450 S-meter problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-26 11:21:07 UTC
From: Bill
Topic: 1306  Message: 1309

Yep, you diagnosed it: bad RFG control.

The combo AF/RF pot is R19-3433-05 from PacCoast or EastCoast Parts. It is not easy to get out; I use a modified metric nutdriver that I had a machinist take some meat off of the outside diameter of the socket so it will fit in the panel hole (there are two vol control nuts you will need to remove). The VR is mounted on a small pc board; once you get it out (covers off, front panel rocked downward), it's fairly easy to unsolder and replace the control.

Get a new mem batt while yer at it: W09-0514-05. Note, when changing this batt, be careful not to short the new mem batt by using a grounded iron with the rig plugged into DC supply or antenna system.... "float" the radio chassis so you won't do this.

Also place a small (3/4"x3/4") piece of electrical tape under the new battery, on the pc board. This will help prevent damage to the trace that supplies 12v to the AT unit if the new batt leaks in the future.

OR you can put in the coin cell holder and two wires, as has been posted about in the archives.

Oh yeah, how about 60M transmit? Need the out of band mod for that! Pick that up on www.mods.dk.

While you are there, why not remove the vfo knob and put a drop of oil on the encoder shaft, right at where it goes into the bushing? You will need a 1.5mm hex wrench (Allen wrench) for the knob screw.

73!

Bill

James Baldwin <yachtatom@...> wrote:
My TS-450 SAT has a new problem. The s-meter is stuck in the full
right red position and there is no audio output. Sometimes when I
wiggle the RF Gain control the meter slowly backs down to normal and
the radio works fine. Next time I power up, same problem. I assume
the RF Gain control switch is going bad, but maybe there is more to
it? I've checked all the other obvious controls such as Squelch. Does
anyone have any advice on checking/fixing this myself?

Thanks
James
ZS5JSB

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# 1310. 850 In Rads or Kenwood

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-26 18:00:08 UTC
From: D.Cy Gacuzana
Topic: 1310  Message: 1310

Hi there, I got my 850 on eBay, had to send it in for repairs- total cost about the cost of a 570SG NEW, including shipping (during promotional offers). But AVS East ended it up truly almost new. I was going to sell it but could not bring myself to do it. The first guy I sent it to I wished I had not, and he charged much more.

It came with stock Kenwood filters, when I bought it. 500 Hz in both IFs.
I have to say, this radio's receiver is phenomenal. Last night a station below the noise called me on my Pegasus- no joy. I was encased by two 10 to 20 over nine signals on 40m, one about 1.5 Khz up the other between .5 and 1.0 Kc down. The caller never had a chance- we never had a chance. RF DSP and PBT and 300Hz, the white winged pony just couldn't come close to pulling him through.

However, I swtiched to the 850 for the rest of the night not wanting a repeat.
It happened again, but only one strong station 20db over nine, less than .5 Kc away.
Even though it was only two 500Hz stock filters cascaded, I was able to RIT the QRP station, Notch him in, and still complete the QSO (the QRM station called CQ and didn't even know freq was in use, couldn't even hear the QRP station).

I have had numerous occasions of hearing and completing QRP qso's with the 850, and DX QRP. The 850 receiver is truly phenomenal. Couple that with the cost, and the awesome QSK, if yours holds out I'm sure you'll be impressed with the filters installed.

Had not mine come with the stock units, I'd have gone for In Rads. Oddly In Rads are often less spendy but steeper skirts- but for some reason the InRads for the 850 seem priced higher.

I purchased an InRad 250 for my Corsair, and was very pleeased.

I'm slowly getting over my microphonophobia as well, but CW is music to my ears.
73, Darin, W3DCG.

> Just go a ts 850, but will need to stack some 500 hz
> cw filters. I have little experience with Kenwood
> filters, should I look there or trot over to Inrad?
> Seems like a nice radio, have it next to the IC-765,
> we shall see.
> 73
> Stu kw8k
> Mostly CW, frightened of microphones.

>>Welcome to the group Stu,

I would check out the INRAD filters. I think they are a little
sharper thann the Kenwood equivalent, and probably a bit cheaper
too. The 850 is a great radio. And they are very well known for
their beautiful SSB audio. I don't think there is a bad thing to
say about them! I am currently running a TS570SG having owned an

850 a while back. Will probably pick another one up in the future,
really miss mine, although I am enjoying the 570.

Max<<

---
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# 1311. Re: [TS-850_450_690] 850 In Rads or Kenwood

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-26 20:13:16 UTC
From: Zack Widup
Topic: 1310  Message: 1311

I've been thinking of getting the INRAD CW filters for mine. I am also mainly a CW op. Maybe after my next income tax refund! :-)

I've gotten interested in LOWFER experimentation and I'm excited about what the TS-850 can do down there. I'm building a 5-ft diameter receiving loop to put up outside on a rotor. But I get WWVB on 60 kHz with a short length of wire.

The rig also works great on 60 meters if you do the mod to open up transmit on all HF frequencies. The only SSB contacts I've made in the last few months were on 60 meters.

I've been able to pull stations out of the noise lately that others evidently haven't. I've worked some 40 meter DX that had pileups at the DX station's sunrise (Africa) but was still able to hear and work the DX station well after his sunrise, when most people in the pileup lost him and had given up.

73, Zack W9SZ

On Fri, 26 Sep 2003, D.Cy Gacuzana wrote:

> Hi there, I got my 850 on eBay, had to send it in for repairs- total cost about the cost of a 570SG NEW, including shipping (during promotional offers). But AVS East ended it up truly almost new. I was going to sell it but could not bring myself to do it. The first guy I sent it to I wished I had not, and he charged much more.
>
> It came with stock Kenwood filters, when I bought it. 500 Hz in both IFs.
> I have to say, this radio's receiver is phenomenal. Last night a station below the noise called me on my Pegasus- no joy. I was encased by two 10 to 20 over nine signals on 40m, one about 1.5 Khz up the other between .5 and 1.0 Kc down. The caller never had a chance- we never had a chance. RF DSP and PBT and 300Hz, the white winged pony just couldn't come close to pulling him through.
>
> However, I swtiched to the 850 for the rest of the night not wanting a repeat.
> It happened again, but only one strong station 20db over nine, less than .5 Kc away.
> Even though it was only two 500Hz stock filters cascaded, I was able to RIT the QRP station, Notch him in, and still complete the QSO (the QRM station called CQ and didn't even know freq was in use, couldn't even hear the QRP station).
>
> I have had numerous occasions of hearing and completing QRP qso's with the 850, and DX QRP.
> The 850 receiver is truly phenomenal. Couple that with the cost, and the awesome QSK, if yours holds out I'm sure you'll be impressed with the filters installed.
>
> Had not mine come with the stock units, I'd have gone for In Rads. Oddly In Rads are

often less spendy but steeper skirts- but for some reason the InRads for the 850 seem priced higher.
>
> I purchased an InRad 250 for my Corsair, and was very pleeased.
>
> I'm slowly getting over my microphonophobia as well, but CW is music to my ears.
> 73, Darin, W3DCG.
>

# 1312. Re: [TS-850_450_690] 850 In Rads or Kenwood

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-26 20:43:57 UTC
From: Bill
Topic: 1310  Message: 1312

Nice report, Darin. Sorry for the repair costs. Next time, call me! :)

The only rigs I have had here that topped my 850 were the 870 (but I like the 850 front panel better) and the FT-1000D with the right filters. Differences subjectively speaking were nominal however. The 870 does have a superior AM bandwidth and detector but that is of moderate value to most ops.

b

"D.Cy Gacuzana" <gacuzana@...> wrote:
Hi there, I got my 850 on eBay, had to send it in for repairs- total cost about the cost of a 570SG NEW, including shipping (during promotional offers). But AVS East ended it up truly almost new. I was going to sell it but could not bring myself to do it. The first guy I sent it to I wished I had not, and he charged much more.

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Had not mine come with the stock units, I'd have gone for In Rads. Oddly In Rads are often less spendy but steeper skirts- but for some reason the InRads for the 850 seem priced higher.

I purchased an InRad 250 for my Corsair, and was very pleeased.

I'm slowly getting over my microphonophobia as well, but CW is music to my ears.
73, Darin, W3DCG.

> Just go a ts 850, but will need to stack some 500 hz
> cw filters. I have little experience with Kenwood
> filters, should I look there or trot over to Inrad?
> Seems like a nice radio, have it next to the IC-765,
> we shall see.
> 73

> Stu kw8k
> Mostly CW, frightened of microphones.

>>Welcome to the group Stu,

I would check out the INRAD filters. I think they are a little sharper thann the Kenwood equivalent, and probably a bit cheaper too. The 850 is a great radio. And they are very well known for their beautiful SSB audio. I don't think there is a bad thing to say about them! I am currently running a TS570SG having owned an 850 a while back. Will probably pick another one up in the future, really miss mine, although I am enjoying the 570.

Max<<

---
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[Non-text portions of this message have been removed]

# 1313. Surge Absorber

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-27 01:35:26 UTC
From: Bill
Topic: 1313  Message: 1313

Loaded photo showing bad vs good DSA301LA surge absorber, in the PHOTOS section under SERVICE PHOTOS.

73,

Bill

# 1314. slightly sick TS690.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-27 20:15:46 UTC
From: Alan Hensman
Topic: 1314  Message: 1314

Hi Folks.

Can anybody tell me if they have come across this problem and do you know the cure?

Got a 690 up at the radio club. Its on a variable psu and it looks like someone had used the psu at 9v and not put it back to normal.

turned radio on. extremely quiet.

noticed that the psu was low and put it back to 13.8.

problem is that now we have no audio on RX SSb /CW.

All seems to be ok with AM / FM.

Its as if the squelch is full on all the time on the ssb, (checked it and fully anticlock) we can see the signals as per normal on the meter.

Also we can hear a very faint "whine""single tone" in the background on ssb/cw.

Any help at all would be appreciated as this is the main HF set at the club.

Cannot even find a service manual anywhere, rang kenwood over here in uk and they wanted £70 ($116).

Many thanks and sorry for the long post.

Alan 2E0HGV

# 1315. Re: [TS-850_450_690] slightly sick TS690.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-28 01:20:27 UTC
From: Bill
Topic: 1314  Message: 1315

Hi Alan, well sorry for your problems.

I doubt that the low voltage caused the problem, although it sure seems related but it may be just a coincidence.

I am thinking that you took some kind of static hit to the radio.

If AM/FM works and SSB.CW doesn't then it is a failure of the local osc that acts like a BFO for the older rigs did... it's only ON for those modes. I am thinking that a switching voltage has failed there.

The whine may be a leaky diode in the rx/tx RF switching chain at the antenna; the RF filters are shared between RX and TX; if a diode is leaking through, it would cause the whine, plus low or no sensitivity and may also be inhibiting the local oscillator from working properly.

On your PC boards under the rig you will find some tiny solder pads or feed-thrus that are labeled RXB, TXB, and 8A. RXB needs to be very near 8.00 volts on receive; TXB, in TX and 8A, well, always!

Check those and come back.

73

bill

Alan Hensman <a.hensman@...> wrote:
Hi Folks.

Can anybody tell me if they have come across this problem and do you know the cure?

Got a 690 up at the radio club. Its on a variable psu and it looks like someone had used the psu at 9v and not put it back to normal.

turned radio on. extremely quiet.

noticed that the psu was low and put it back to 13.8.

problem is that now we have no audio on RX SSb /CW.

All seems to be ok with AM / FM.

Its as if the squelch is full on all the time on the ssb, (checked it and fully anticlock) we can see the signals as per normal on the meter.

Also we can hear a very faint "whine""single tone" in the background on ssb/cw.

Any help at all would be appreciated as this is the main HF set at the club.

Cannot even find a service manual anywhere, rang kenwood over here in uk and they wanted ?70 ($116).

Many thanks and sorry for the long post.

Alan 2E0HGV

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# 1316. TS-850 and AT-250

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-28 01:41:05 UTC
From: dpatt7
Topic: 1214  Message: 1316

Does anyone know where I can get the cable from a AT-250 antenna
tuner (8 pin din plug)to a TS-850 remote terminal (7 pin din plug)
to operate the tuner with the transciever. I had one once but
cannot find it. Would make the cable but eyes not what they used to
be. Involves 2 din plugs...7 pin and 8 pin and shielded cable between.
Looked at internet..no response.
Thanks
Dave Patterson
WD9IKO

# 1317. Ham Radio Deluxe Supports TS-850/450/690/2000

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-29 02:23:17 UTC
From: ac742a
Topic: 1317  Message: 1317

Simon Brown (HB9DRV) has now added support for a number of Kenwood radios including the TS850/450/690 & 2000 to his really great freeware rig control software. Its still under development and its in a beta right now, but is highly sophisticated and best of all its free.

Check it out and download it from:

http://www.kns.ch/sysgem/hb9drv/HamRadioDeluxe.htm

73

Greg/VE3YTZ

# 1318. Re: Ham Radio Deluxe Supports TS-850/450/690/2000

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-29 11:27:34 UTC
From: Max
Topic: 1317  Message: 1318

I just downloaded the program and set it up for my TS570S. This has got to be one of the slickest control programs I have ever seen. Many options and the on-screen display is way cool. Too bad I have to go to work, will have to wait until tonight to play. Was planning on hooking up my SGC 239 tuner tonight. Biy there just aren't enough hours in the day for ham radio!

Max

# 1319. Re: TS-450 S-meter problem - Thanks.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-29 15:12:55 UTC
From: James Baldwin
Topic: 1306  Message: 1319

Thanks Bill and the others for your tips. I'll get back to you later and let you know what happens after I attempt a fix.

James

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> Yep, you diagnosed it: bad RFG control.
>
> The combo AF/RF pot is R19-3433-05 from PacCoast or EastCoast Parts. It is not easy to get out; I use a modified metric nutdriver that I had a machinist take some meat off of the outside diameter of the socket so it will fit in the panel hole (there are two vol control nuts you will need to remove). The VR is mounted on a small pc board; once you get it out (covers off, front panel rocked downward), it's fairly easy to unsolder and replace the control.
>
> Get a new mem batt while yer at it: W09-0514-05. Note, when changing this batt, be careful not to short the new mem batt by using a grounded iron with the rig plugged into DC supply or antenna system.... "float" the radio chassis so you won't do this.
>
> Also place a small (3/4"x3/4") piece of electrical tape under the new battery, on the pc board. This will help prevent damage to the trace that supplies 12v to the AT unit if the new batt leaks in the future.
>
> OR you can put in the coin cell holder and two wires, as has been posted about in the archives.
>
> Oh yeah, how about 60M transmit? Need the out of band mod for that! Pick that up on www.mods.dk.
>
> While you are there, why not remove the vfo knob and put a drop of oil on the encoder shaft, right at where it goes into the bushing? You will need a 1.5mm hex wrench (Allen wrench) for the knob screw.
>
> 73!
>
> Bill

# 1320. Re: slightly sick TS690.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-29 19:31:10 UTC
From: Alan Hensman
Topic: 1314  Message: 1320

Hi Bill, I have forwarded the info you suggested to one of the cleverer blokes up the club who is looking at the radio,

and the reply to me was......

Everything checks out until the last stage, until the demodulater chip, which is generating a tone of 1.2k.

Everything is perfect on TX.

So we are ready for any more ideas that you might have.

Thanks, Alan
>
> I doubt that the low voltage caused the problem, although it sure seems related but it may be just a coincidence.
>
> I am thinking that you took some kind of static hit to the radio.
>
> If AM/FM works and SSB.CW doesn't then it is a failure of the local osc that acts like a BFO for the older rigs did... it's only ON for those modes. I am thinking that a switching voltage has failed there.
>
> The whine may be a leaky diode in the rx/tx RF switching chain at the antenna; the RF filters are shared between RX and TX; if a diode is leaking through, it would cause the whine, plus low or no sensitivity and may also be inhibiting the local oscillator from working properly.
>
> On your PC boards under the rig you will find some tiny solder pads or feed-thrus that are labeled RXB, TXB, and 8A. RXB needs to be very near 8.00 volts on receive; TXB, in TX and 8A, well, always!
>
> Check those and come back.
>
> 73
>
> bill

# 1321. Re: [TS-850_450_690] Re: slightly sick TS690.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-09-30 01:09:20 UTC
From: Bill
Topic: 1314  Message: 1321

I am at a dead end.

If you can located the LO output of the DDS chips and look at it with a scope, the two sigs should be a clean sine wave with no modulation.

bill

Alan Hensman <2E0HGV@...> wrote:
Hi Bill, I have forwarded the info you suggested to one of the cleverer blokes up the club who is looking at the radio,

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>
> Check those and come back.
>
> 73
>
> bill

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# 1322. SURGE ABSORBER 'SPLODED.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-01 23:37:53 UTC
From: Bill
Topic: 1322  Message: 1322

Go to group; check out Photos, then Service photos.. there is pic of a DSA301LA that did it's job in a TS-850... POW.

Bill K0ZL

# 1323. Spinner knob for TS850 etc.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-02 20:25:53 UTC
From: fingerdimple
Topic: 1323  Message: 1323

I have owned my TS850 for going on 10 years and love it. Did you wonder why Kenwood diddn't put a spinner knob on it? Well I have often wondered why and thought that if the proper replacement knob came along cheap, I would make the change. Never able to find a suitable replacement at a reasonable price, I recently designed the FingerDimple. It is available in gray and black and is pressure sensitive and requires no modification to the radio. Best of all it is cheap and installs in seconds.

Check it out at WWW.FingerDimple.com a photo of my TS850SAT sporting a dimple is on page two.

Best 73, Wayne K8FF
K8FF@...

# 1324. Notes on TS-450S battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-04 14:29:12 UTC
From: smatda
Topic: 1324  Message: 1324

I was going thru some old computer motherboards last night...most of them were DOA for various reasons. But I discovered most of them had good batteries and holders on them! My 450 has been needing a new battery for a few months now (I took the leaky one out and hadn't ordered a replacement) so it was an easy task to unsolder the holder off the defunct motherboard.

Looking at the board in the 450, I decided to slightly bend the pins on the battery holder together so that I could use the positve contact at the 11 o'clock positon (adjacent to C6). Unfortunately, the projection housing the + contact on the holder was a little to wide to clear the capacitor, so a bench grinder worked like a charm to remove the extra material (a dremel would work well too).

The result is a battery holder that looks almost like it was original equipment. The particular battery holder I used also stands off the board about 1/8 inch, meaning if the battery does leak, the board shouldn't get damaged.

Just something I thought I should pass along.

Steve, KE4MOB

# 1325. Re: [TS-850_450_690] Notes on TS-450S battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-04 15:17:39 UTC
From: Bill
Topic: 1324  Message: 1325

Good job, Steve!

b

smatda <smatda@...> wrote:
I was going thru some old computer motherboards last night...most of them were DOA for various reasons. But I discovered most of them had good batteries and holders on them! My 450 has been needing a new battery for a few months now (I took the leaky one out and hadn't ordered a replacement) so it was an easy task to unsolder the holder off the defunct motherboard.

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The result is a battery holder that looks almost like it was original equipment. The particular battery holder I used also stands off the board about 1/8 inch, meaning if the battery does leak, the board shouldn't get damaged.

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# 1326. Re: Spinner knob for TS850 etc.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-05 03:03:05 UTC
From: k6htm
Topic: 1323  Message: 1326

Glad you came up with this! I'm sending my order. When I try to
print your order form it comes out black, so have done a Print Screen
and paste to a Word page. Kind of a nuisance. Great product! Tks es
73, --Charlie
~~~~~~~~~~~~~~~

--- In TS-850_450_690@yahoogroups.com, "fingerdimple"
<fingerdimple@y...> wrote:
> I have owned my TS850 for going on 10 years and love it. Did you
> wonder why Kenwood diddn't put a spinner knob on it? Well I have
> often wondered why and thought that if the proper replacement knob
> came along cheap, I would make the change. Never able to find a
> suitable replacement at a reasonable price, I recently designed the
> FingerDimple. It is available in gray and black and is pressure
> sensitive and requires no modification to the radio. Best of all it
> is cheap and installs in seconds.
>
> Check it out at WWW.FingerDimple.com a photo of my TS850SAT sporting
> a dimple is on page two.
>
> Best 73, Wayne K8FF
> K8FF@j...
~~~~~~~~~~~~~~~

# 1327. Using Ts850 or 450 to Transvert

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-06 10:52:53 UTC
From: Gary
Topic: 1327  Message: 1327

Hi,

I wonder if anyone has has a success with transverting using these rigs. I no longer own an 850 (big regrets) but hope to again.

I used a TS430S to transvert to 2m some years ago and it's sensitivity and audio quality beat todays modern rigs easily.

When I had an 850 I can remember that the instructions for transverting were not straight-forward and as such I never attempted it. But would be very interested to hear the results of those that have.

73s Gary G4LOE

[Non-text portions of this message have been removed]

# 1328. Re: [TS-850_450_690] Using Ts850 or 450 to Transvert

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-06 12:30:29 UTC
From: Bill
Topic: 1327  Message: 1328

The 850 relies on the transverter to supply 8v at low current to "tell" the 850 to shut down the finals... that's all I know about it.

b

Gary <g4loe@...> wrote:
Hi,

I wonder if anyone has has a success with transverting using these rigs. I no longer own an 850 (big regrets) but hope to again.

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73s Gary G4LOE

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# 1329. Re: [TS-850_450_690] Using Ts850 or 450 to Transvert

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-06 12:43:57 UTC
From: Zack Widup
Topic: 1327  Message: 1329

I've used a TS-440S with a transverter. It's been a few years and I don't exactly remember the mods I did, but it worked well. The TS-850 is supposed to be tricky but can be done. Down East Microwave sells a transverter interface box specifically made for the TS-850 (the TIB-850). From what I've heard, it works quite well. I own a TS-850 (wonderful rig!!) but haven't purchased the DEM TIB-850 yet. One of these days ...

73, Zack W9SZ

On Mon, 6 Oct 2003, Gary wrote:

> Hi,
>
> I wonder if anyone has has a success with transverting using these rigs. I no longer own an 850 (big regrets) but hope to again.
>
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>
> When I had an 850 I can remember that the instructions for transverting were not straight-forward and as such I never attempted it. But would be very interested to hear the results of those that have.
>
> 73s Gary G4LOE
>
>
> [Non-text portions of this message have been removed]
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
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>

# 1330. (no subject)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-08 15:42:18 UTC
From: Mario Aviles
Topic: 1330  Message: 1330

Hi:

Anybody can confirm if the BS8 pan adaptor for the SM220 will enable the pan display capability with a TS850SAT?

Regards

Mario/YS1MAE

[Non-text portions of this message have been removed]

# 1331. do it NOW.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-08 17:24:03 UTC
From: Bill
Topic: 1331  Message: 1331

Summer is over (northern hemisphere).

TAke the top cover off your 850, then the smaller cover over the filter unit (7 countersunk, #1 phillips screws).

Look at the glass thing on the small relay board.

Now log into the group, and click on Photos, then the Service Photos folder. Look at the picture of the two glass thingies, just like the one in your rig. Compare....

If yours looks like the one on the LEFT, you have taken a surge and the radio is unprotected. If it looks like the one on the RIGHT, you probably just changed it! hi....

P/N DSA301LA, from PacCoast, East Coast or (gasp) Icom... same part... BUY TWO, one for next time.

Oh yeah, add the 2.2mH choke, will make it last longer.

73,

bill

# 1332. tx power drop off

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-08 20:06:09 UTC
From: bob29ww553
Topic: 1332  Message: 1332

Over a period of time my ts-850 has developed a loss of tx(transmit) power. At first it was on ssb only but now is on all modes. The problem disappears some time but may come back at any time. I suspect "dry solder" joint but am a little slow to attempt same.

My radio is used mainly on receive & with a sp-31 in line with a clear speech noise filter I will never change. But I would like to have the rig in it's full operaring order. any suggestions welcome
Regards Bob

# 1333. Re: tx power drop off

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-08 20:40:55 UTC
From: Max
Topic: 1332  Message: 1333

Bob,

Measure the ALC voltage on the DC-DC board. It controls the negative going ALC which determines the output power. Very common problem on the 850's.

Max

# 1334. Re: [TS-850_450_690] Re: tx power drop off

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-08 23:43:18 UTC
From: Eric
Topic: 1332  Message: 1334

I believe that 850's were notorious for cold soldier joints. The unit I
have had the boards shotgun soldiered before I acquired it.

Eric

----- Original Message -----
From: "Max" <ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, October 08, 2003 3:40 PM
Subject: [TS-850_450_690] Re: tx power drop off

> Bob,
>
> Measure the ALC voltage on the DC-DC board. It controls the negative
> going ALC which determines the output power. Very common problem on
> the 850's.
>
> Max
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
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>
>

# 1335. Re: [TS-850_450_690] Re: tx power drop off

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-09 09:33:13 UTC
From: bob murphy
Topic: 1332  Message: 1335

looks like a 'cold joint' problem ok but this is a late serial no. I thought kenwood had solved the problem at this stage my friend checked the ALC voltage on DC_Dc board & said i was ok
Thanks Bob
Eric <mulder@...> wrote:I believe that 850's were notorious for cold soldier joints. The unit I
have had the boards shotgun soldiered before I acquired it.

Eric

----- Original Message -----
From: "Max" <ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, October 08, 2003 3:40 PM
Subject: [TS-850_450_690] Re: tx power drop off

> Bob,
>
> Measure the ALC voltage on the DC-DC board. It controls the negative
> going ALC which determines the output power. Very common problem on
> the 850's.
>
> Max
>
>
>
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[Non-text portions of this message have been removed]

# 1336. Re: [TS-850_450_690] tx power drop off

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-09 14:43:00 UTC
From: Bill
Topic: 1332  Message: 1336

Suspect DC-DC converter.

x59-1100-00

bob29ww553 <bob29ww553@...> wrote:
Over a period of time my ts-850 has developed a loss of tx(transmit)
power. At first it was on ssb only but now is on all modes. The
problem disappears some time but may come back at any time. I
suspect "dry solder" joint but am a little slow to attempt same.

My radio is used mainly on receive & with a sp-31 in line with a
clear speech noise filter I will never change. But I would like to
have the rig in it's full operaring order. any suggestions welcome
Regards Bob

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[Non-text portions of this message have been removed]

# 1337. Re: [TS-850_450_690] Re: tx power drop off

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-09 16:00:40 UTC
From: Bill
Topic: 1332  Message: 1337

Eric, I have never seen bad solder joints on any of the 850s that I have serviced.

What is "shotgun soldering", I have never heard this term before .

73,

Bill K0ZL

Eric <mulder@...> wrote:
I believe that 850's were notorious for cold soldier joints. The unit I
have had the boards shotgun soldiered before I acquired it.

Eric

----- Original Message -----
From: "Max" <ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, October 08, 2003 3:40 PM
Subject: [TS-850_450_690] Re: tx power drop off

> Bob,
>
> Measure the ALC voltage on the DC-DC board. It controls the negative
> going ALC which determines the output power. Very common problem on
> the 850's.
>
> Max
>
>
>
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[Non-text portions of this message have been removed]

# 1338. Re: [TS-850_450_690] Re: tx power drop off

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-10 01:19:20 UTC
From: Eric
Topic: 1332  Message: 1338

Just get into the board(s) and soldier every components lead on the board. Like a shotgun blast would cover everything in its path and not miss a thing. Of course I did not do the work, an excellent tech did it and I believe he had the right tool(s)

Eric

----- Original Message -----
From: "Bill" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, October 09, 2003 11:00 AM
Subject: Re: [TS-850_450_690] Re: tx power drop off

> Eric, I have never seen bad solder joints on any of the 850s that I have serviced.
>
> What is "shotgun soldering", I have never heard this term before .
>
> 73,
>
> Bill K0ZL
>
> Eric <mulder@...> wrote:
> I believe that 850's were notorious for cold soldier joints. The unit I
> have had the boards shotgun soldiered before I acquired it.
>
> Eric
>
>
> ----- Original Message -----
> From: "Max" <ve3tmt@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Wednesday, October 08, 2003 3:40 PM
> Subject: [TS-850_450_690] Re: tx power drop off
>
>
> > Bob,
> >
> > Measure the ALC voltage on the DC-DC board. It controls the negative
> > going ALC which determines the output power. Very common problem on
> > the 850's.
> >
> > Max
> >
> >
> >

> > THANKS FOR USING TS-850_450_690@...
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>
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# 1339. microphone

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-12 05:08:18 UTC
From: mr_dave6
Topic: 1339  Message: 1339

what is good mic to put on ts-850

# 1340. Re: microphone

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-12 05:20:16 UTC
From: Max
Topic: 1339  Message: 1340

--- In TS-850_450_690@yahoogroups.com, "mr_dave6" <mr_dave6@y...>
wrote:
> what is good mic to put on ts-850

Just about any mic. The 850 would sound good with a tin can!

# 1341. Re: [TS-850_450_690] microphone

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-12 14:13:20 UTC
From: Bill
Topic: 1339  Message: 1341

I use old Astatic 10DA head, works well. MC-60 K'wood
mic is a classic, also any of the Heil mics.

For hand mic, nothing beats the stock MC-43S

bill

--- mr_dave6 <mr_dave6@...> wrote:
> what is good mic to put on ts-850
>
>
>

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# 1342. Re: [TS-850_450_690] microphone

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-12 17:22:06 UTC
From: Jean-Guy
Topic: 1339  Message: 1342

Hello Bill, i have a 450sat here, and i am using an mc-85 mic from Kenwood, and get nothing but great audio report from all, also this mic does have a tone switch on it so you can cut the low's , works well in dxing that way, otherwise for normal qso, do leave it on normal, whatever both ways are great also.
Good luck.
de Jean-Guy/ve9buf

----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, October 12, 2003 11:13 AM
Subject: Re: [TS-850_450_690] microphone

I use old Astatic 10DA head, works well. MC-60 K'wood
mic is a classic, also any of the Heil mics.

For hand mic, nothing beats the stock MC-43S

bill

--- mr_dave6 <mr_dave6@...> wrote:
> what is good mic to put on ts-850
>
>
>

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# 1343. MC-60 to MC-60A

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-12 19:33:32 UTC
From: Carlos A. Wolff
Topic: 1343  Message: 1343

Hello all,

Does anybody know if it is possible to convert the MC-60 to MC-60A, I notice that the main difference is that the MC-60 doesn't Have the amplifier, so is it possible to insert an amplifier in the MC-60? Does anyone made this before? How to do?

Thanks in advance for any help?

73's

Carlos
ZZ5CAW
Brazil

[Non-text portions of this message have been removed]

# 1344. Re: [TS-850_450_690] microphone

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-12 20:05:14 UTC
From: Bill
Topic: 1339  Message: 1344

Thank you Jean-Guy, I will keep my eye out for an
MC-85!

Bill

--- Jean-Guy <jglandry50@...> wrote:
> Hello Bill, i have a 450sat here, and i am using an
> mc-85 mic from Kenwood, and get nothing but great
> audio report from all, also this mic does have a
> tone switch on it so you can cut the low's , works
> well in dxing that way, otherwise for normal qso, do
> leave it on normal, whatever both ways are great
> also.
> Good luck.
> de Jean-Guy/ve9buf
>

=====

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# 1345. Re: [TS-850_450_690] MC-60 to MC-60A

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-12 20:12:42 UTC
From: Bill
Topic: 1343  Message: 1345

Carlos, why do you need an amp?

bill

--- "Carlos A. Wolff" <cawolff@...> wrote:
> Hello all,
>
> Does anybody know if it is possible to convert the
> MC-60 to MC-60A, I
> notice that the main difference is that the MC-60
> doesn't
> Have the amplifier, so is it possible to insert an
> amplifier in the
> MC-60? Does anyone made this before? How to do?
>
> Thanks in advance for any help?
>
> 73's
>
> Carlos
> ZZ5CAW
> Brazil
>
>
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> [Non-text portions of this message have been
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# 1346. RES: [TS-850_450_690] MC-60 to MC-60A

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-12 20:18:51 UTC
From: Carlos A. Wolff
Topic: 1343  Message: 1346

Hi Bill,

I don☐t know if I really need it, I just got that mic yesterday, because a ex-wife off a friend was putting it at the garbage,hihi.
So I just was comparing it to the MC-60A, don☐t you thing there is any need for an amp? I really don☐t have used it right now.

Thank for attending my question,

73
Carlos

-----Mensagem original-----
De: Bill [mailto:coorsbill@...]
Enviada em: Sunday, October 12, 2003 5:13 PM
Para: TS-850_450_690@yahoogroups.com
Assunto: Re: [TS-850_450_690] MC-60 to MC-60A

Carlos, why do you need an amp?

bill

--- "Carlos A. Wolff" <cawolff@terra.com.br> wrote:
> Hello all,
>
> Does anybody know if it is possible to convert the
> MC-60 to MC-60A, I
> notice that the main difference is that the MC-60
> doesn't
> Have the amplifier, so is it possible to insert an
> amplifier in the
> MC-60? Does anyone made this before? How to do?
>
> Thanks in advance for any help?
>
> 73's
>
> Carlos
> ZZ5CAW
> Brazil
>
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> [Non-text portions of this message have been
> removed]
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[Non-text portions of this message have been removed]

# 1347. Re: RES: [TS-850_450_690] MC-60 to MC-60A

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-12 20:26:28 UTC
From: Bill
Topic: 1343  Message: 1347

ok Carlos, well you did get lucky! hi hi.

No need for an amp in the Kenwood mics, with the
Kenwood radios... it just adds complication to the
equation if there is RFI.

73,

bill

--- "Carlos A. Wolff" <cawolff@...> wrote:
> Hi Bill,
>
> I don?t know if I really need it, I just got that
> mic yesterday, because
> a ex-wife off a friend was putting it at the
> garbage,hihi.
> So I just was comparing it to the MC-60A, don?t you
> thing there is any
> need for an amp? I really don?t have used it right
> now.
>
> Thank for attending my question,
>
> 73
> Carlos
>
>
> -----Mensagem original-----
> De: Bill [mailto:coorsbill@...]
> Enviada em: Sunday, October 12, 2003 5:13 PM
> Para: TS-850_450_690@yahoogroups.com
> Assunto: Re: [TS-850_450_690] MC-60 to MC-60A
>
> Carlos, why do you need an amp?
>
> bill
>
> --- "Carlos A. Wolff" <cawolff@...> wrote:
> > Hello all,
> >
> > Does anybody know if it is possible to convert the
> > MC-60 to MC-60A, I
> > notice that the main difference is that the MC-60
> > doesn't
> > Have the amplifier, so is it possible to insert an

> > amplifier in the
> > MC-60? Does anyone made this before? How to do?
> >
> > Thanks in advance for any help?
> >
> > 73's
> >
> > Carlos
> > ZZ5CAW
> > Brazil
> >
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> > [Non-text portions of this message have been
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# 1348. RES: RES: [TS-850_450_690] MC-60 to MC-60A

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-12 21:08:58 UTC
From: Carlos A. Wolff
Topic: 1343  Message: 1348

Thank's Bill, a lot, yes I hope I was very lucky,hihi

Thanks a lot for the infos, I'll use it on my TS450, I think is a good combination, I also have a TL-922, it will sound grate, yes will, because I'll take my class upgrade next 17th, than i'll be able to use it.

73
Carlos

-----Mensagem original-----
De: Bill [mailto:coorsbill@...]
Enviada em: Sunday, October 12, 2003 5:26 PM
Para: TS-850_450_690@yahoogroups.com
Assunto: Re: RES: [TS-850_450_690] MC-60 to MC-60A

ok Carlos, well you did get lucky! hi hi.

No need for an amp in the Kenwood mics, with the Kenwood radios... it just adds complication to the equation if there is RFI.

73,

bill

--- "Carlos A. Wolff" <cawolff@...> wrote:
> Hi Bill,
>
> I don□t know if I really need it, I just got that
> mic yesterday, because
> a ex-wife off a friend was putting it at the
> garbage,hihi.
> So I just was comparing it to the MC-60A, don□t you
> thing there is any
> need for an amp? I really don□t have used it right
> now.
>
> Thank for attending my question,
>
> 73
> Carlos
>
>
> -----Mensagem original-----
> De: Bill [mailto:coorsbill@...]

> Enviada em: Sunday, October 12, 2003 5:13 PM
> Para: TS-850_450_690@yahoogroups.com
> Assunto: Re: [TS-850_450_690] MC-60 to MC-60A
>
> Carlos, why do you need an amp?
>
> bill
>
> --- "Carlos A. Wolff" <cawolff@...> wrote:
> > Hello all,
> >
> > Does anybody know if it is possible to convert the
> > MC-60 to MC-60A, I
> > notice that the main difference is that the MC-60
> > doesn't
> > Have the amplifier, so is it possible to insert an
> > amplifier in the
> > MC-60? Does anyone made this before? How to do?
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> > Thanks in advance for any help?
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> > Brazil
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> nattogyo?YH=3707890&yhad=1595054> Click Here!
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>
<http://us.adserver.yahoo.com/l?M=244522.3707890.4968055.1261774/D=egrou
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# 1349. Re: [TS-850_450_690] Re: microphone

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-13 00:34:30 UTC
From: bob murphy
Topic: 1339  Message: 1349

hard to beat the stock hand held
I use a yaesu md1(B8) with great reports {better than i was getting with MC-60A}
Bob

Max <ve3tmt@...> wrote:
--- In TS-850_450_690@yahoogroups.com, "mr_dave6" <mr_dave6@y...>
wrote:
> what is good mic to put on ts-850

Just about any mic. The 850 would sound good with a tin can!

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[Non-text portions of this message have been removed]

# 1350. Re: RES: RES: [TS-850_450_690] MC-60 to MC-60A

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-13 10:43:01 UTC
From: Bill
Topic: 1343  Message: 1350

The 922 is a great amp, very well built.

Look up "tl-922" and "circuit improvements" on Google.

bill

--- "Carlos A. Wolff" <cawolff@...> wrote:
> Thank's Bill, a lot, yes I hope I was very
> lucky,hihi
>
> Thanks a lot for the infos, I'll use it on my TS450,
> I think is a good
> combination, I also have a TL-922, it will sound
> grate, yes will,
> because I'll take my class upgrade next 17th, than
> i'll be able to use
> it.
>
> 73
> Carlos
>
> -----Mensagem original-----
> De: Bill [mailto:coorsbill@...]
> Enviada em: Sunday, October 12, 2003 5:26 PM
> Para: TS-850_450_690@yahoogroups.com
> Assunto: Re: RES: [TS-850_450_690] MC-60 to MC-60A
>
> ok Carlos, well you did get lucky! hi hi.
>
> No need for an amp in the Kenwood mics, with the
> Kenwood radios... it just adds complication to the
> equation if there is RFI.
>
> 73,
>
> bill
>
> --- "Carlos A. Wolff" <cawolff@...> wrote:
> > Hi Bill,
> >
> > I don?t know if I really need it, I just got that
> > mic yesterday, because
> > a ex-wife off a friend was putting it at the
> > garbage,hihi.
> > So I just was comparing it to the MC-60A, don?t
> you

> > thing there is any
> > need for an amp? I really don?t have used it right
> > now.
> >
> > Thank for attending my question,
> >
> > 73
> > Carlos
> >
> >
> > -----Mensagem original-----
> > De: Bill [mailto:coorsbill@...]
> > Enviada em: Sunday, October 12, 2003 5:13 PM
> > Para: TS-850_450_690@yahoogroups.com
> > Assunto: Re: [TS-850_450_690] MC-60 to MC-60A
> >
> > Carlos, why do you need an amp?
> >
> > bill
> >
> > --- "Carlos A. Wolff" <cawolff@...>
> wrote:
> > > Hello all,
> > >
> > > Does anybody know if it is possible to convert
> the
> > > MC-60 to MC-60A, I
> > > notice that the main difference is that the
> MC-60
> > > doesn't
> > > Have the amplifier, so is it possible to insert
> an
> > > amplifier in the
> > > MC-60? Does anyone made this before? How to do?
> > >
> > > Thanks in advance for any help?
> > >
> > > 73's
> > >
> > > Carlos
> > > ZZ5CAW
> > > Brazil
> > >
> > >
> > >
> > > [Non-text portions of this message have been
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>
<http://rd.yahoo.com/M=244522.3707890.4968055.1261774/D=egroupweb/S=1705
> >
>
063108:HM/A=1595054/R=0/SIG=124ukap9t/*http:/ashnin.com/clk/muryutaitake
> > nattogyo?YH=3707890&yhad=1595054> Click Here!
> >
> >
> >
>
<http://us.adserver.yahoo.com/l?M=244522.3707890.4968055.1261774/D=egrou
> > pmail/S=:HM/A=1595054/rand=942498945>
> >
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# 1351. RES: RES: RES: [TS-850_450_690] MC-60 to MC-60A

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-13 17:15:11 UTC
From: Carlos A. Wolff
Topic: 1343  Message: 1351

Thanks Bill, for those infos..

73's
Carlos

-----Mensagem original-----
De: Bill [mailto:coorsbill@...]
Enviada em: Monday, October 13, 2003 7:43 AM
Para: TS-850_450_690@yahoogroups.com
Assunto: Re: RES: RES: [TS-850_450_690] MC-60 to MC-60A

The 922 is a great amp, very well built.

Look up "tl-922" and "circuit improvements" on Google.

bill

--- "Carlos A. Wolff" <cawolff@...> wrote:
> Thank's Bill, a lot, yes I hope I was very
> lucky,hihi
>
> Thanks a lot for the infos, I'll use it on my TS450,
> I think is a good
> combination, I also have a TL-922, it will sound
> grate, yes will,
> because I'll take my class upgrade next 17th, than
> i'll be able to use
> it.
>
> 73
> Carlos
>
> -----Mensagem original-----
> De: Bill [mailto:coorsbill@...]
> Enviada em: Sunday, October 12, 2003 5:26 PM
> Para: TS-850_450_690@yahoogroups.com
> Assunto: Re: RES: [TS-850_450_690] MC-60 to MC-60A
>
> ok Carlos, well you did get lucky! hi hi.
>
> No need for an amp in the Kenwood mics, with the
> Kenwood radios... it just adds complication to the
> equation if there is RFI.
>
> 73,
>

> bill
>
> --- "Carlos A. Wolff" <cawolff@...> wrote:
> > Hi Bill,
> >
> > I don□t know if I really need it, I just got that
> > mic yesterday, because
> > a ex-wife off a friend was putting it at the
> > garbage,hihi.
> > So I just was comparing it to the MC-60A, don□t
> you
> > thing there is any
> > need for an amp? I really don□t have used it right
> > now.
> >
> > Thank for attending my question,
> >
> > 73
> > Carlos
> >
> >
> > -----Mensagem original-----
> > De: Bill [mailto:coorsbill@yahoo.com]
> > Enviada em: Sunday, October 12, 2003 5:13 PM
> > Para: TS-850_450_690@yahoogroups.com
> > Assunto: Re: [TS-850_450_690] MC-60 to MC-60A
> >
> > Carlos, why do you need an amp?
> >
> > bill
> >
> > --- "Carlos A. Wolff" <cawolff@...>
> wrote:
> > > Hello all,
> > >
> > > Does anybody know if it is possible to convert
> the
> > > MC-60 to MC-60A, I
> > > notice that the main difference is that the
> MC-60
> > > doesn't
> > > Have the amplifier, so is it possible to insert
> an
> > > amplifier in the
> > > MC-60? Does anyone made this before? How to do?
> > >
> > > Thanks in advance for any help?
> > >
> > > 73's

> > >
> > > Carlos
> > > ZZ5CAW
> > > Brazil
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> > >
> > > [Non-text portions of this message have been
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> >
>
063108:HM/A=1595054/R=0/SIG=124ukap9t/*http:/ashnin.com/clk/muryutaitake
> > nattogyo?YH=3707890&yhad=1595054> Click Here!
> >
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>
<http://us.adserver.yahoo.com/l?M=244522.3707890.4968055.1261774/D=egrou
> > pmail/S=:HM/A=1595054/rand=942498945>
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# 1352. TS-450 Memory Selector switch replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-15 15:30:37 UTC
From: James Baldwin
Topic: 1352  Message: 1352

Thanks Bill for your East Coast part number for the AF/RF pot that is bad on my TS-450. Before I make the order I thought I'd replace the memory channel selector switch which is also skipping channels and sticking occasionally, but I don't see the part number for it in the East Coast online catolg. I know it's there, just can't find it. Does anyone have that number and some tips on how to replace it?

Thanks.
James
ZS5JSB

# 1353. Re: [TS-850_450_690] TS-450 Memory Selector switch replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-15 21:58:42 UTC
From: Bill
Topic: 1352  Message: 1353

Kenwood p/n W02-1687-15 on the "sub-encoder".

--- James Baldwin <yachtatom@...> wrote:
> Thanks Bill for your East Coast part number for the
> AF/RF pot that is
> bad on my TS-450. Before I make the order I thought
> I'd replace the
> memory channel selector switch which is also
> skipping channels and
> sticking occasionally, but I don't see the part
> number for it in the
> East Coast online catolg. I know it's there, just
> can't find it. Does
> anyone have that number and some tips on how to
> replace it?
>
> Thanks.
> James
> ZS5JSB
>
>
>

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# 1354. blank display on 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-21 13:25:50 UTC
From: Kenneth G. Shutt
Topic: 1354  Message: 1354

Hello everyone. I am new to the group. My 850 was purchased in 1991 and has performed perfectly until recently. Yesterday, when the radio was switched on, the display went blank. Everything else appears normal. Both transmit and receive functions are operable. I have tried microprocessor reset which does not help. Any suggestions on what may be the problem?

73 de Ken - K5GUU

# 1355. Re: [TS-850_450_690] blank display on 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-21 15:51:16 UTC
From: Bill
Topic: 1354  Message: 1355

Hi Kenneth

I am going to guess that you lost the DC-AC converter
that powers the filaments of the display fluorescent
elements.

bill

--- "Kenneth G. Shutt" <k5guu@...> wrote:
> Hello everyone. I am new to the group. My 850 was
> purchased in 1991
> and has performed perfectly until recently.
> Yesterday, when the
> radio was switched on, the display went blank.
> Everything else
> appears normal. Both transmit and receive functions
> are operable. I
> have tried microprocessor reset which does not help.
> Any suggestions
> on what may be the problem?
>
> 73 de Ken - K5GUU
>
>
>
>

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# 1356. blank display on ts-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-22 01:26:04 UTC
From: Kenneth G. Shutt
Topic: 1356  Message: 1356

Bill,

Thanks for your reply. I measured the voltage in and out of the inverter. There was no voltage on either. What should I expect? Do you know of a source for a schematic diagram of the lcd assembly?

73 de Ken - K5GUU

# 1357. Re: blank display on ts-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-22 14:46:03 UTC
From: Bill
Topic: 1356  Message: 1357

Needs 8v going in, and let me know if you got those scans OK. If not I can post them to the group.

Careful on the output, it's about 110v rms at 28khz... it will light yer fire for sure, just like it does the tube!!!

b

--- In TS-850_450_690@yahoogroups.com, "Kenneth G. Shutt" <k5guu@a...> wrote:
> Bill,
>
> Thanks for your reply. I measured the voltage in and out of the
> inverter. There was no voltage on either. What should I expect? Do
> you know of a source for a schematic diagram of the lcd assembly?
>
> 73 de Ken - K5GUU

# 1358. blank display on ts-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-22 14:54:21 UTC
From: Kenneth G. Shutt
Topic: 1356  Message: 1358

Bill et al,

Thanks for the lcd assembly schematic. I found an open trace in the 8 volt supply to the inverter. The trace was open at the + terminal of C18 (470 mf). It looked like the trace was burned open by high current. Incidently, there was an inductor/choke (3 milli-henrys) and the C18 capacitor in the circuit that were not shown on the schematic.

The decision I need to make now is whether to repair the trace and smoke test or do further trouble shooting to determine if a short or some other failure caused the trace to burn out. Any suggestions?

73 de Ken - K5GUU

# 1359. Re: [TS-850_450_690] blank display on ts-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-22 20:05:40 UTC
From: Bill
Topic: 1356  Message: 1359

Check resistance on the input to the converter; if it
is not near 0 to ground, fire it up.

You could use a 1A pico fuse if you want, just bare
some of the trace on either side of the burn and
tack-solder the fuse in.

b

--- "Kenneth G. Shutt" <k5guu@...> wrote:
> Bill et al,
>
> Thanks for the lcd assembly schematic. I found an
> open trace in the
> 8 volt supply to the inverter. The trace was open
> at the + terminal
> of C18 (470 mf). It looked like the trace was
> burned open by high
> current. Incidently, there was an inductor/choke (3
> milli-henrys)
> and the C18 capacitor in the circuit that were not
> shown on the
> schematic.
>
> The decision I need to make now is whether to repair
> the trace and
> smoke test or do further trouble shooting to
> determine if a short or
> some other failure caused the trace to burn out.
> Any suggestions?
>
> 73 de Ken - K5GUU
>
>
>

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# 1360. blank display on ts-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-23 12:32:32 UTC
From: Kenneth G. Shutt
Topic: 1356  Message: 1360

Hello all,

The display is now working. I repaired the burned up trace in the 8 v supply to the inverter, smoke tested it and the display came to life.

Now I have another problem. I have no rf output on 80m or 40m. Other bands appear normal. My difficulties started after I installed the receive ant tuner mod. The mod works on other bands, so I do not think it is related to my latest problem. Any suggestions on where to start?

73 de Ken - K5GUU

# 1361. Re: [TS-850_450_690] blank display on ts-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-23 12:55:09 UTC
From: Bill
Topic: 1356  Message: 1361

Ken, is the radio drawing current in TX on those
bands?

If it's drawing 8-10 amps or more in TX and you have
no output, the problem is that the filter unit is not
switching the proper filter relays... could be that
you have not seated the flex connector properly on one
end.

If it's not drawing but 1-2 amps, there is a problem
on the RF unit.

I am thinking you may have taken a static hit, that
first showed on the display problem?

Congrats on that fix by the way, you are about $130.00
ahead of the game by now.

bill
--- "Kenneth G. Shutt" <k5guu@...> wrote:
> Hello all,
>
> The display is now working. I repaired the burned
> up trace in the 8
> v supply to the inverter, smoke tested it and the
> display came to
> life.
>
> Now I have another problem. I have no rf output on
> 80m or 40m.
> Other bands appear normal. My difficulties started
> after I installed
> the receive ant tuner mod. The mod works on other
> bands, so I do not
> think it is related to my latest problem. Any
> suggestions on where
> to start?
>
> 73 de Ken - K5GUU
>
>

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# 1362. TS-850 Mars Mod?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-24 03:42:03 UTC
From: Bob Snelgrove
Topic: 1362  Message: 1362

Hi Guys

I'll be a new 850 owner soon and wanted to ask if any one has done the mars mod on the 850? My serial number is 4xxxxxxxxxx, if that matters!

thx!

bob

# 1363. Re: [TS-850_450_690] TS-850 Mars Mod?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-24 12:27:28 UTC
From: Bill
Topic: 1362  Message: 1363

Bob, I ripped this off from www.mods.dk

there are a lot of other goodies in that site for the
850 and many other rigs. Here ya go:

<begin plagerization>
The All-band transmit modificat?on requires the
removal and re- location of a diode on the the digital
board which is located behind the front panel. The US
version of the radio has diode D11 installed, and
diode D9 removed. D11 must be removed, and installed
in the D9 position. This modification IS NOT for the
faint of heart, as it entails removing the front
panel, and the digital board. Note that the digit?l
board has solder holes th?t are through-soldered; that
is, there are circuit traces on both sides of the
board, so make sure that ALL solder is removed from
the holes. This modification will also allow the
antenna tuner to tune anywhere the receiver is tuned.
This modification should ONLY be performed ?y those
familiar with soldering and de-soldering techniques,
and requires patience, and dexterity.
<end>

--- Bob Snelgrove <steelgtr@...> wrote:
> Hi Guys
>
> I'll be a new 850 owner soon and wanted to ask if
> any one has done the mars
> mod on the 850? My serial number is 4xxxxxxxxxx, if
> that matters!
>
>
> thx!
>
> bob
>
>
>
>

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# 1364. Re: [TS-850_450_690] TS-850 Mars Mod?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-24 13:39:16 UTC
From: Paul Manuel
Topic: 1362  Message: 1364

Yes, I did the mod to get on 60 meters, and it worked great!
73,
Paul K4PDM
--- Bob Snelgrove <steelgtr@...> wrote:
> Hi Guys>
> I'll be a new 850 owner soon and wanted to ask if any one has done the
> mars mod on the 850? My serial number is 4xxxxxxxxx, if that matters!
>

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# 1365. Re: [TS-850_450_690] TS-850 Mars Mod?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-24 13:42:01 UTC
From: Paul Manuel
Topic: 1362  Message: 1365

--- Bill <coorsbill@...> wrote:
> Bob, I ripped this off from www.mods.dk
>
>> <begin plagerization>
> The All-band transmit modificat?on requires the
> removal and re- location of a diode on the the digital
> board which is located behind the front panel. The US
> version of the radio has diode D11 installed, and
> diode D9 removed. D11 must be removed, and installed
> in the D9 position.

Bill,
My rig did not need the diode to be re-installed (just removed,) and I thought you told me that yours did not, either. I'm confused!
73,
Paul K4PDM

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# 1366. Re: [TS-850_450_690] TS-850 Mars Mod?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-24 13:50:37 UTC
From: Zack Widup
Topic: 1362  Message: 1366

Same here. I only removed D11, I didn't reinstall at the D9 position.

I am guessing it varies from model to model.

73, Zack W9SZ

> 
> Bill,
> My rig did not need the diode to be re-installed (just removed,) and I
> thought you told me that yours did not, either. I'm confused!
> 73,
> Paul K4PDM
>

# 1367. sm-220

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-24 14:11:26 UTC
From: mr_dave6
Topic: 1367  Message: 1367

can a sm-220 be hook up to ts-850

# 1368. Re: sm-220

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-24 14:38:39 UTC
From: Max
Topic: 1367  Message: 1368

--- In TS-850_450_690@yahoogroups.com, "mr_dave6" <mr_dave6@y...>
wrote:
> can a sm-220 be hook up to ts-850

The IF OUT can be hooked to the V. INPUT on the 850 to monitor the received signal only. For monitoring of your own signal you hook it in line with your antenna. Without the BS-8 pan adapter you will only be able to monitor the signal you are tuned to. It will NOT function as a band scope display.

Max

# 1369. Re: [TS-850_450_690] TS-850 Mars Mod?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-24 16:04:33 UTC
From: Bill
Topic: 1362  Message: 1369

My bad, just cut D11.

bill

--- Paul Manuel <k4pdm@...> wrote:
>
> --- Bill <coorsbill@...> wrote:
> > Bob, I ripped this off from www.mods.dk
> >
> >> <begin plagerization>
> > > The All-band transmit modificat?on requires the
> > > removal and re- location of a diode on the the
> digital
> > > board which is located behind the front panel. The
> US
> > > version of the radio has diode D11 installed, and
> > > diode D9 removed. D11 must be removed, and
> installed
> > > in the D9 position.
>
> Bill,
> My rig did not need the diode to be re-installed
> (just removed,) and I
> thought you told me that yours did not, either. I'm
> confused!
> 73,
> Paul K4PDM
>
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# 1370. Re: [TS-850_450_690] blank display on ts-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-25 01:07:30 UTC
From: kgshutt
Topic: 1356  Message: 1370

Bill, I checked current draw on 40m and 80m. It was drawing 8 to
10 amps depending on carrier and power setting. Next I removed
the filter board to check connector seating, general appearance etc.
Everything looked fine so I reinstalled the filter board and checked
the rig again. Now I have no power out on any band. Current draw
is 4 to 6 amp on bands but 40m and 80m. On 80m and 40m current
draw is 3 to 4 amp. SWR reads high all all bands but the 40m and
80m bands. On 40m and 80m everything is the same as before (no
rf or swr reading).

My diagnosis is as follows:

- The original zero output problem on 40m and 80m is caused by a
problem in the filter unit. One or more relays are not operating properly.
I have not done any additional trouble shooting on this problem.

- The new problem on the other bands is caused by a malfunction
in the rf unit. Cause is not obvious.

- I also noticed that the gas discharge tube has a white ring on the
internal tube. It was an open circuit when I removed it. I believe this
tube shunts the ant connector to ground so the rig should operate
with the tube removed (but without spike protection).

- All of these problems sure sound like the root cause could have been
a lightning hit or near miss.

Comments or suggestions?

73 de Ken - K5GUU

----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, October 23, 2003 7:55 AM
Subject: Re: [TS-850_450_690] blank display on ts-850

Ken, is the radio drawing current in TX on those
bands?

If it's drawing 8-10 amps or more in TX and you have
no output, the problem is that the filter unit is not
switching the proper filter relays... could be that
you have not seated the flex connector properly on one
end.

If it's not drawing but 1-2 amps, there is a problem
on the RF unit.

I am thinking you may have taken a static hit, that
first showed on the display problem?

Congrats on that fix by the way, you are about $130.00
ahead of the game by now.

bill
--- "Kenneth G. Shutt" <k5guu@...> wrote:
> Hello all,
>
> The display is now working. I repaired the burned
> up trace in the 8
> v supply to the inverter, smoke tested it and the
> display came to
> life.
>
> Now I have another problem. I have no rf output on
> 80m or 40m.
> Other bands appear normal. My difficulties started
> after I installed
> the receive ant tuner mod. The mod works on other
> bands, so I do not
> think it is related to my latest problem. Any
> suggestions on where
> to start?
>
> 73 de Ken - K5GUU
>
>

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# 1371. Re: [TS-850_450_690] blank display on ts-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-25 01:17:41 UTC
From: kgshutt
Topic: 1356  Message: 1371

Progress. The new problem (no rf on any band) has been
solved. An rf connector in the ant tunner was not seated.
It was overlooked when the filter unit was reinstalled.

Now back to 40m and 80m difficutly in filter unit.
----- Original Message -----
From: kgshutt
To: TS-850_450_690@yahoogroups.com
Sent: Friday, October 24, 2003 8:07 PM
Subject: Re: [TS-850_450_690] blank display on ts-850

Bill, I checked current draw on 40m and 80m. It was drawing 8 to
10 amps depending on carrier and power setting. Next I removed
the filter board to check connector seating, general appearance etc.
Everything looked fine so I reinstalled the filter board and checked
the rig again. Now I have no power out on any band. Current draw
is 4 to 6 amp on bands but 40m and 80m. On 80m and 40m current
draw is 3 to 4 amp. SWR reads high all all bands but the 40m and
80m bands. On 40m and 80m everything is the same as before (no
rf or swr reading).

My diagnosis is as follows:

- The original zero output problem on 40m and 80m is caused by a
problem in the filter unit. One or more relays are not operating properly.
I have not done any additional trouble shooting on this problem.

- The new problem on the other bands is caused by a malfunction
in the rf unit. Cause is not obvious.

- I also noticed that the gas discharge tube has a white ring on the
internal tube. It was an open circuit when I removed it. I believe this
tube shunts the ant connector to ground so the rig should operate
with the tube removed (but without spike protection).

- All of these problems sure sound like the root cause could have been
a lightning hit or near miss.

Comments or suggestions?

73 de Ken - K5GUU

----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, October 23, 2003 7:55 AM
Subject: Re: [TS-850_450_690] blank display on ts-850

Ken, is the radio drawing current in TX on those
bands?

If it's drawing 8-10 amps or more in TX and you have
no output, the problem is that the filter unit is not
switching the proper filter relays... could be that
you have not seated the flex connector properly on one
end.

If it's not drawing but 1-2 amps, there is a problem
on the RF unit.

I am thinking you may have taken a static hit, that
first showed on the display problem?

Congrats on that fix by the way, you are about $130.00
ahead of the game by now.

bill
--- "Kenneth G. Shutt" <k5guu@...> wrote:
> Hello all,
>
> The display is now working. I repaired the burned
> up trace in the 8
> v supply to the inverter, smoke tested it and the
> display came to
> life.
>
> Now I have another problem. I have no rf output on
> 80m or 40m.
> Other bands appear normal. My difficulties started
> after I installed
> the receive ant tuner mod. The mod works on other
> bands, so I do not
> think it is related to my latest problem. Any
> suggestions on where
> to start?
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> 73 de Ken - K5GUU
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>

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# 1372. Re: [TS-850_450_690] blank display on ts-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-25 01:36:39 UTC
From: Eric
Topic: 1356  Message: 1372

Ah, give the benefit of the doubt to the wonderful 850. Good for you.

Eric
----- Original Message -----
From: "kgshutt" <kgshutt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, October 24, 2003 8:17 PM
Subject: Re: [TS-850_450_690] blank display on ts-850

> Progress. The new problem (no rf on any band) has been
> solved. An rf connector in the ant tunner was not seated.
> It was overlooked when the filter unit was reinstalled.
>
> Now back to 40m and 80m difficutly in filter unit.
> ----- Original Message -----
> From: kgshutt
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, October 24, 2003 8:07 PM
> Subject: Re: [TS-850_450_690] blank display on ts-850
>
>
> Bill, I checked current draw on 40m and 80m. It was drawing 8 to
> 10 amps depending on carrier and power setting. Next I removed
> the filter board to check connector seating, general appearance etc.
> Everything looked fine so I reinstalled the filter board and checked
> the rig again. Now I have no power out on any band. Current draw
> is 4 to 6 amp on bands but 40m and 80m. On 80m and 40m current
> draw is 3 to 4 amp. SWR reads high all all bands but the 40m and
> 80m bands. On 40m and 80m everything is the same as before (no
> rf or swr reading).
>
> My diagnosis is as follows:
>
> - The original zero output problem on 40m and 80m is caused by a
> problem in the filter unit. One or more relays are not operating
properly.
> I have not done any additional trouble shooting on this problem.
>
> - The new problem on the other bands is caused by a malfunction
> in the rf unit. Cause is not obvious.
>
> - I also noticed that the gas discharge tube has a white ring on the
> internal tube. It was an open circuit when I removed it. I believe
this
> tube shunts the ant connector to ground so the rig should operate

> with the tube removed (but without spike protection).
>
> - All of these problems sure sound like the root cause could have been
> a lightning hit or near miss.
>
> Comments or suggestions?
>
> 73 de Ken - K5GUU
>
>
>
>
> ----- Original Message -----
> From: Bill
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, October 23, 2003 7:55 AM
> Subject: Re: [TS-850_450_690] blank display on ts-850
>
>
> Ken, is the radio drawing current in TX on those
> bands?
>
> If it's drawing 8-10 amps or more in TX and you have
> no output, the problem is that the filter unit is not
> switching the proper filter relays... could be that
> you have not seated the flex connector properly on one
> end.
>
> If it's not drawing but 1-2 amps, there is a problem
> on the RF unit.
>
> I am thinking you may have taken a static hit, that
> first showed on the display problem?
>
> Congrats on that fix by the way, you are about $130.00
> ahead of the game by now.
>
> bill
> --- "Kenneth G. Shutt" <k5guu@...> wrote:
> > Hello all,
> >
> > The display is now working. I repaired the burned
> > up trace in the 8
> > v supply to the inverter, smoke tested it and the
> > display came to
> > life.
> >
> > Now I have another problem. I have no rf output on
> > 80m or 40m.
> > Other bands appear normal. My difficulties started

> > after I installed
> > the receive ant tuner mod. The mod works on other
> > bands, so I do not
> > think it is related to my latest problem. Any
> > suggestions on where
> > to start?
> >
> > 73 de Ken - K5GUU
> >
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>

# 1373. No RF Output on 40M & 80M

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-25 14:59:56 UTC
From: Kenneth G. Shutt
Topic: 1373  Message: 1373

The cause of this malfunction appears to be a failute of the relay driver IC1 (M54581P) in the filter unit. Any suggestions for a source for this IC?

Ken - K5GUU

# 1374. Re: [TS-850_450_690] blank display on ts-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-25 16:10:54 UTC
From: Bill
Topic: 1356  Message: 1374

Yep, lightnin...

The tube is a DSA301LA, I get them from Icom (cheaper
than PacCoast). If you need one, let me know. While
you are at it, put a 1 or 2.2 mHy choke in parallel
with it. Keeps the DC from building on the ant lead
from wire antennas in the wind.

You have a ribbon connector on that filter unit that
could be fried; it carries the band change info to the
relays.

b

--- kgshutt <kgshutt@...> wrote:
> Bill, I checked current draw on 40m and 80m. It
> was drawing 8 to
> 10 amps depending on carrier and power setting.
> Next I removed
> the filter board to check connector seating, general
> appearance etc.
> Everything looked fine so I reinstalled the filter
> board and checked
> the rig again. Now I have no power out on any band.
> Current draw
> is 4 to 6 amp on bands but 40m and 80m. On 80m and
> 40m current
> draw is 3 to 4 amp. SWR reads high all all bands
> but the 40m and
> 80m bands. On 40m and 80m everything is the same as
> before (no
> rf or swr reading).
>
> My diagnosis is as follows:
>
> - The original zero output problem on 40m and 80m
> is caused by a
> problem in the filter unit. One or more relays are
> not operating properly.
> I have not done any additional trouble shooting on
> this problem.
>
> - The new problem on the other bands is caused by a
> malfunction
> in the rf unit. Cause is not obvious.
>

> - I also noticed that the gas discharge tube has a
> white ring on the
> internal tube. It was an open circuit when I
> removed it. I believe this
> tube shunts the ant connector to ground so the rig
> should operate
> with the tube removed (but without spike
> protection).
>
> - All of these problems sure sound like the root
> cause could have been
> a lightning hit or near miss.
>
> Comments or suggestions?
>
> 73 de Ken - K5GUU
>
>
>
>
> ----- Original Message -----
> From: Bill
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, October 23, 2003 7:55 AM
> Subject: Re: [TS-850_450_690] blank display on
> ts-850
>
>
> Ken, is the radio drawing current in TX on those
> bands?
>
> If it's drawing 8-10 amps or more in TX and you
> have
> no output, the problem is that the filter unit is
> not
> switching the proper filter relays... could be
> that
> you have not seated the flex connector properly on
> one
> end.
>
> If it's not drawing but 1-2 amps, there is a
> problem
> on the RF unit.
>
> I am thinking you may have taken a static hit,
> that
> first showed on the display problem?
>
> Congrats on that fix by the way, you are about

> $130.00
> ahead of the game by now.
>
> bill
> --- "Kenneth G. Shutt" <k5guu@...> wrote:
> > Hello all,
> >
> > The display is now working. I repaired the
> burned
> > up trace in the 8
> > v supply to the inverter, smoke tested it and
> the
> > display came to
> > life.
> >
> > Now I have another problem. I have no rf output
> on
> > 80m or 40m.
> > Other bands appear normal. My difficulties
> started
> > after I installed
> > the receive ant tuner mod. The mod works on
> other
> > bands, so I do not
> > think it is related to my latest problem. Any
> > suggestions on where
> > to start?
> >
> > 73 de Ken - K5GUU
> >
> >
>
>
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# 1375. Re: TS-850 Mars Mod?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-25 15:55:25 UTC
From: steelgtr_95127
Topic: 1362  Message: 1375

Thanks, Guys

I hope I can just do the "snip" Do you remove it or just clip on
lead?

Could you post your serial numbers?

Mine is 4xxxxxxxxx, if that matters.

thx!

bob

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@p...> wrote:
> Same here. I only removed D11, I didn't reinstall at the D9
position.
>
> I am guessing it varies from model to model.
>
> 73, Zack W9SZ
>
> >
> > Bill,
> > My rig did not need the diode to be re-installed (just removed,)
and I
> > thought you told me that yours did not, either. I'm confused!
> > 73,
> > Paul K4PDM
> >

# 1376. Re: [TS-850_450_690] No RF Output on 40M & 80M

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-25 17:24:02 UTC
From: Bill
Topic: 1373  Message: 1376

Ken, in the svc man I see MS4581P, not M54581P.

MS4581P does not show at Pacific Coast Parts at all.
It also doesn't show on Google search. It would
appear that the service manual, page

M54581P shows as "discontinued by manufacturer".

I have left a price quote request at several DX
sources, let's see what happens.

It's not at Digikey or Mat Electronics.

AHHH FOUND IT... SORTA... via the Kenwood EastCoast
Parts site.... they crossed it to an LB1745!! YIPPEE,
still available and 3 bux cheaper...

http://www.kenwoodparts.com/

While you are there you can order the DSA301LA, and a
memory battery W09051405 OR W09-0514-05

bill

--- "Kenneth G. Shutt" <kgshutt@...> wrote:
> The cause of this malfunction appears to be a
> failute of the relay
> driver IC1 (M54581P) in the filter unit. Any
> suggestions for a
> source for this IC?
>
> Ken - K5GUU
>
>

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# 1377. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-25 19:20:47 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 1377

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /DATA SHEETS/LB1745 DRIVER ARRAY.jpg
Uploaded by : k0zl <coorsbill@...>
Description : M54581P-LB1745 RELAY DRIVER IC TS-850/680 ETC

You can access this file at the URL

http://groups.yahoo.com/group/TS-850_450_690/files/DATA%20SHEETS/LB1745%20DRIVER%20ARRAY.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

k0zl <coorsbill@...>

# 1378. LB1745 DRIVER FILTER UNIT RELAYS

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-25 19:24:33 UTC
From: Bill
Topic: 1378  Message: 1378

OK on the M54581P DRIVER ic for the relays on the filter unit, The sub for this is LB1745, from East Coast or Pacific Coast parts, about 7-8 bucks. I am going to order some, if anyone wants me to add to the order let me know.

73,

Bill K0ZL

# 1379. Re: [TS-850_450_690] Re: TS-850 Mars Mod?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-26 04:45:27 UTC
From: Bill
Topic: 1362  Message: 1379

It's just a regular diode, snip it... not SMD.

Thought for sure I had picture of it, but I don't yet.

bill

--- steelgtr_95127 <steelgtr@...> wrote:
> Thanks, Guys
>
> I hope I can just do the "snip" Do you remove it or
> just clip on
> lead?
>
> Could you post your serial numbers?
>
> Mine is 4xxxxxxxxxx, if that matters.
>
> thx!
>
> bob
>
>
> --- In TS-850_450_690@yahoogroups.com, Zack Widup
> <w9sz@p...> wrote:
> > Same here. I only removed D11, I didn't reinstall
> at the D9
> position.
> >
> > I am guessing it varies from model to model.
> >
> > 73, Zack W9SZ
> >
> > >
> > > Bill,
> > > My rig did not need the diode to be re-installed
> (just removed,)
> and I
> > > thought you told me that yours did not, either.
> I'm confused!
> > > 73,
> > > Paul K4PDM
> > >
>
>
>

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# 1380. Re: [TS-850_450_690] Re: TS-850 Mars Mod?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-26 04:48:55 UTC
From: Bob Snelgrove
Topic: 1362  Message: 1380

Thanks, Bill

:)

At 09:45 PM 10/25/2003 -0700, you wrote:
>It's just a regular diode, snip it... not SMD.
>
>Thought for sure I had picture of it, but I don't yet.
>
>bill
>
>--- steelgtr_95127 <steelgtr@...> wrote:
>> Thanks, Guys
>>
>> I hope I can just do the "snip" Do you remove it or
>> just clip on
>> lead?
>>
>> Could you post your serial numbers?
>>
>> Mine is 4xxxxxxxxxx, if that matters.
>>
>> thx!
>>
>> bob
>>
>>
>> --- In TS-850_450_690@yahoogroups.com, Zack Widup
>> <w9sz@p...> wrote:
>> > Same here. I only removed D11, I didn't reinstall
>> at the D9
>> position.
>> >
>> > I am guessing it varies from model to model.
>> >
>> > 73, Zack W9SZ
>> >
>> > >
>> > > Bill,
>> > > My rig did not need the diode to be re-installed
>> (just removed,)
>> and I
>> > > thought you told me that yours did not, either.
>> I'm confused!
>> > > 73,

>> > > Paul K4PDM
>> > >
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# 1381. TS-870 vs. TS-850 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-26 15:00:39 UTC
From: Bob Snelgrove
Topic: 1362  Message: 1381

Hi Guys

Just wondered how much better the 870 is than the beloved 850? :)

thx

bob

# 1382. 850/870

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-26 15:14:12 UTC
From: Mike Elliott
Topic: 1382  Message: 1382

Bob -
I don't think you can beat the 850 - certainly the 870 doesn't!
Mike

# 1383. Re: [TS-850_450_690] TS-870 vs. TS-850 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-26 17:12:22 UTC
From: Bill
Topic: 1362  Message: 1383

Bob,
You sure you want to start this thread? hi hi...

Have the 850, have used the 870, will reply in detail
later in the week.

73,

Bill
K0ZL

--- Bob Snelgrove <steelgtr@...> wrote:
> Hi Guys
>
> Just wondered how much better the 870 is than the
> beloved 850? :)
>
>
> thx
>
> bob
>
>
>
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>
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>

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# 1384. Re: [TS-850_450_690] TS-870 vs. TS-850 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-26 17:34:36 UTC
From: Bob Snelgrove
Topic: 1362  Message: 1384

I can handle it :)

bob

At 09:12 AM 10/26/2003 -0800, you wrote:
>Bob,
>You sure you want to start this thread? hi hi...
>
>Have the 850, have used the 870, will reply in detail
>later in the week.
>
>73,
>
>Bill
>K0ZL
>
>--- Bob Snelgrove <steelgtr@...> wrote:
>> Hi Guys
>>
>> Just wondered how much better the 870 is than the
>> beloved 850? :)
>>
>>
>> thx
>>
>> bob
>>
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# 1385. Power Supply?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-27 03:56:59 UTC
From: Bob Snelgrove
Topic: 1362  Message: 1385

Hi Guys

Can you recommend a PS for my 850 that's on it's way?

thx,

bob

# 1386. Re: [TS-850_450_690] Power Supply?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-27 04:45:15 UTC
From: kgshutt
Topic: 1362  Message: 1386

Almost any 20 amp, 13.8v supply will do. I use a kenwood ps-50. I would be reluctant to use one of the new switcters because of noise potential and lack of personal experience.

73 de Ken - K5GUU
----- Original Message -----
From: Bob Snelgrove
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, October 26, 2003 9:56 PM
Subject: [TS-850_450_690] Power Supply?

Hi Guys

Can you recommend a PS for my 850 that's on it's way?

thx,

bob

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[Non-text portions of this message have been removed]

# 1387. Re: [TS-850_450_690] Power Supply?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-27 09:55:47 UTC
From: Hans Wuest
Topic: 1362  Message: 1387

Hi Bob,
I'm using a MFJ-4225MV with my TS-850-SAT and a MFJ-4125 for portable work. No hash, no problems.
See also QST January 2000 "MFJ-4225MV Switching Power Supply (January 2000 [680 kB])"
http://www.arrl.org/members-only/prodrev/bymfg.html#M
73 and have fun with your TS-850
Hans, HB9OI / AD5DK
Berne / Switzerland

[Non-text portions of this message have been removed]

# 1388. Re: [TS-850_450_690] TS-870 vs. TS-850 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-27 13:35:50 UTC
From: Bill
Topic: 1362  Message: 1388

OK.. Here's my take.

Had an 870 on the bench for a couple of days doing the rx gain re-apportionment mod, and adding some IRC filters, along with two of my DC snubber kits to the antenna leads. The rig was a joy to work on, with easy access to all boards. Also did the 60M mod, I think.

I was impressed with the receiver after the mods (did not get to use it much before); I think it stacks up well to my 850, and the IRC filters gave it a decided advantage in shape factor on SSB. Did not install the CW filter.

I didn't like the noise reduction feature, but I have not heard one that I liked yet... I even hesitate to use the noise blanker unless I have to. All the noise reduction I need is in the filters, RF gain, and between the ears. I just don't like the watery, synth sound of even mild settings on NR.

Same on the 746/pro by the way.

The front panel was OK... I thought the 870 had rubber keys, but they are hard plastic like the 850. But I missed the telephone-style numeric keypad; made direct freq entry a little harder.

On rx, the 870 was excellent with the IRC filters. I was also impressed with the AM reception, pulling a QSO out of the mud on 75, comparable to the 850. Not better mind you, but just as good. Better than the 430 with the AM filter.

On TX, didn't get but one report; but we all know that the 870 sounds fantastic on transmit.

Would I own an 870? You bet! Would I get rid of my 850 to get one? No. It's paid for! hi.

I think the 870 with the gain-reapportionment mod is as good as the 850; add the IRC filters, and it's better. Add the IRC filters to the 850, it would no doubt ratchet the 850 right back up there with the 870. So I think at some point in the future, I am going to have to get the IRC filters for the 850.

73 all,

Bill

--- Bob Snelgrove <steelgtr@...> wrote:
>
> I can handle it :)
>
>
> bob
>
>
>
>
>
>
> At 09:12 AM 10/26/2003 -0800, you wrote:
> >Bob,
> >You sure you want to start this thread? hi hi...
> >
> >Have the 850, have used the 870, will reply in
> detail
> >later in the week.
> >
> >73,
> >
> >Bill
> >K0ZL
> >
> >--- Bob Snelgrove <steelgtr@...> wrote:
> >> Hi Guys
> >>
> >> Just wondered how much better the 870 is than the
> >> beloved 850? :)
> >>
> >>
> >> thx
> >>
> >> bob
> >>
> >>
> >>
> >>
> >>
> >>
> >>
> >
> >
> >=====
> >
> >see our website www.amateur-repairs.com
> >

> >
> >_____
> >Do you Yahoo!?
> >Exclusive Video Premiere - Britney Spears
> >http://launch.yahoo.com/promos/britneyspears/
> >
> >
> >THANKS FOR USING TS-850_450_690@...
> >
> >Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> >
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# 1389. Re: [TS-850_450_690] Power Supply?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-27 14:19:21 UTC
From: Bill
Topic: 1362  Message: 1389

Bob if matching looks isn't important, I recommend the
tried-and-true Astron series. I use an RS-20 just
fine on mine, you may want to go a little heavier with
the RS-35, and maybe get the metered version.

The Astrons are easy and cheap (relatively) to fix.

bill
--- Bob Snelgrove <steelgtr@...> wrote:
> Hi Guys
>
> Can you recommend a PS for my 850 that's on it's
> way?
>
> thx,
>
> bob
>
>
>

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# 1390. Re: [TS-850_450_690] Power Supply?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-27 17:20:27 UTC
From: Bill
Topic: 1362  Message: 1390

The modern switchers for ham radio are very good; I
just don't recommend them because I hate to try to fix
switchers! Have not had good luck with them.

bill K0ZL

--- Hans Wuest <HansWuest@...> wrote:
> Hi Bob,
> I'm using a MFJ-4225MV with my TS-850-SAT and a
> MFJ-4125 for portable work. No hash, no problems.
> See also QST January 2000 "MFJ-4225MV Switching
> Power Supply (January 2000 [680 kB])"
>
http://www.arrl.org/members-only/prodrev/bymfg.html#M
> 73 and have fun with your TS-850
> Hans, HB9OI / AD5DK
> Berne / Switzerland
>
>
>
>
> [Non-text portions of this message have been
> removed]
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# 1391. 850 Frequency Drift...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-27 22:19:34 UTC
From: Joe
Topic: 1391  Message: 1391

Hello' all "Groupers" :-)...

Here's Joe, IW7ECJ asking for help...

I've been on this group for a while now, and have learnt A LOT from all the great brains over there...

Now I need some help about something that I can't find discussed in any thread on the Group:

I have an 850 that I have recently bought second-hand... its serial is in the 4XXXXXX range...

Everything seems to be fine, apart for a small quirk...

I mostly SWL in SSB with this rig and When I switch it on from cold, I have to tune some 200-250 Hz below the real frequency to hear natural-sounding stations...

I mean, if the station is transmitting on 28,000.00 KHz, I have to tune in 27,999.75 KHz, if I want tp hear correct audio...

So it seems that my Ref. Oscillator is off a bit, and this would be easy to fix (TC-5, right?)

Problem is that, after some 30Min. in Receive mode, the 850 drifts a bit, and makes the frequency readout almost exactly on-the-spot...

I mean, stations transmitting on 28,000,00 are correctly tuned at 28,999,98 (I mostly listen on 10m because of antenna restrictions...)

Leaving the radio on for longer periods doesn't yeld to larger drift, and the radio stays on the spot...

No TCXO on this radio, of course...

Does anybody have any idea on what to do to fix this?

Any suggestion will be greatly appreciated...

Thanks in advance for your time, OMs...

73 de Joe

# 1392. Re: [TS-850_450_690] 850 Frequency Drift...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 01:28:53 UTC
From: Bill
Topic: 1391  Message: 1392

mine only drifts 18 hz from "cool" start (65 deg) to
warm, whatever that is (72 I think)... Sounds like you
may have a bad crystal there.

--- Joe <joe_1at642@...> wrote:
> Hello' all "Groupers" :-)...
>
> Here's Joe, IW7ECJ asking for help...
>
> I've been on this group for a while now, and have
> learnt A LOT from
> all the great brains over there...
>
> Now I need some help about something that I can't
> find discussed in
> any thread on the Group:
>
> I have an 850 that I have recently bought
> second-hand... its serial
> is in the 4XXXXXX range...
>
> Everything seems to be fine, apart for a small
> quirk...
>
> I mostly SWL in SSB with this rig and When I switch
> it on from cold,
> I have to tune some 200-250 Hz below the real
> frequency to hear
> natural-sounding stations...
>
> I mean, if the station is transmitting on 28,000.00
> KHz, I have to
> tune in 27,999.75 KHz, if I want tp hear correct
> audio...
>
> So it seems that my Ref. Oscillator is off a bit,
> and this would be
> easy to fix (TC-5, right?)
>
> Problem is that, after some 30Min. in Receive mode,
> the 850 drifts a
> bit, and makes the frequency readout almost exactly
> on-the-spot...
>
> I mean, stations transmitting on 28,000,00 are

> correctly tuned at
> 28,999,98 (I mostly listen on 10m because of antenna
> restrictions...)
>
> Leaving the radio on for longer periods doesn't yeld
> to larger
> drift, and the radio stays on the spot...
>
> No TCXO on this radio, of course...
>
> Does anybody have any idea on what to do to fix
> this?
>
> Any suggestion will be greatly appreciated...
>
> Thanks in advance for your time, OMs...
>
> 73 de Joe
>
>
>

=====

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# 1393. Copy of Owners/User Manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 02:41:41 UTC
From: jim_creasy
Topic: 1393  Message: 1393

Does anyone know where I can download the User's manual for the 850 or would anyone be willing to make a copy of theirs. I will be more than happy to reimburse you for the cost of copying and mailing.

I have the service manual but no owners manual. Any help would be appreciated

Thanks in advance for any help.

Jim WA3TPF

# 1394. What PS?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 04:11:11 UTC
From: D.Cy Gacuzana
Topic: 1394  Message: 1394

I got a used RM-35, fair price off the Internet. All I had to do to make it perfect was tape the top of one of the meter casing together where it seperated from the lense part. Internal.

At this juncture, my opinion is, if it's within budget, just get an RS or RM 35, for ANY 100W radio.
It's big, it's heavy, it's old fasioned-reliable-non switching. I set it on the floor where it belongs, have had it on mostly 24/7 except the week I went out of town, ever since March this year, no protest from it or hint of falter whatsoever, and I got mine used on eBay of all places. Moving into the beginning of Winter, it also doubles as a foot rest, and keeps my bare feet nice and toasty. In the summer on days when it's in the 80s at the operating position, I have a cheap, yard-sale variety half-sized Vortex clone fan behind it and turn it on low blowing onto the heat sink. The RM-35 then, still doubles as a foot rest, while the Vortex clone keeps my feet nice and cool. I often have to nudge a cat off the -35 in the cooler/cold months, but I don't worry about the cat fur much either. One day I'll remove the cover, probably in the Spring, and take a vacuum to it, but it's not something that overly concerns me. Astron makes excellent power supplies, built to load and built to last.

hi...

73.

---
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[Non-text portions of this message have been removed]

# 1395. 450S - ALC and audio volume conflict

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 04:57:09 UTC
From: k9zy
Topic: 1395  Message: 1395

I've got some experience with the Kenwood TS-430S and good audio quality with readings just outside the ALC upper limit, but now I'm finding with my recently acquired TS-450S that I'm getting low audio reports even when my ALC reading is well beyond the upper limit. Reports of an S9 signal, but low audio.

I've tested with the stock MC-43 mic, and find the same scenario with my Realistic desktop mic. I have to set the Mic gain at 80 to 100% rotation position (distortion only reported when I got to 95%), and ALC readings pegged well above the upper limit recommended reading. (Just about the same with Speech processor on, but distortion comes in slightly earlier, but I'm well beyond recommended ALC readings). Is this consistent to 450s or should I be looking at a possible problem and not ignore the ALC reading? I worries me that I'm running at nearly full mic gain just to bring the audio up.
Thanks,
Mark

# 1396. Re: [TS-850_450_690] What PS?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 13:44:16 UTC
From: Bill
Topic: 1394  Message: 1396

Be careful cleaning the Astron, something might break,
hi!

I install a 3 amp diode backwards across the E-C
junction of the pass transistors, so that if I hook my
Astron to a marine battery, it won't blow the pass
transistors. The RS-20s already have the diode, and I
think the newer 35's do also.

I also make sure that the grounds are clean inside;
there is a black wire from the PC board to the
chassis, just make sure that connection is clean and
tight.

You can also add a G.E. MOV varistor, A 130LA10 or
130LA20 can go across the AC line, just after the
fuse; this will absorb any shocks to the system coming
from the AC line.

I am going to add some banana binding posts to the
FRONT of my Astron, to make it easier to hook up
transient or guest radios.

Stock the pass transistors and a LM723 regulator (DIP
version). Also see which SCR yours is using; this can
also take a shot and go shorted. If you keep these
items on hand, you can fix your own PS and save dozens
of dolares (usd)

Bill

Here are some things I do to mine to make 'em better.
--- "D.Cy Gacuzana" <gacuzana@...> wrote:
> I got a used RM-35, fair price off the Internet. All
> I had to do to make it perfect was tape the top of
> one of the meter casing together where it seperated
> from the lense part. Internal.
>
> At this juncture, my opinion is, if it's within
> budget, just get an RS or RM 35, for ANY 100W radio.
> It's big, it's heavy, it's old fasioned-reliable-non
> switching. I set it on the floor where it belongs,
> have had it on mostly 24/7 except the week I went
> out of town, ever since March this year, no protest
> from it or hint of falter whatsoever, and I got mine
> used on eBay of all places. Moving into the
> beginning of Winter, it also doubles as a foot rest,

> and keeps my bare feet nice and toasty. In the
> summer on days when it's in the 80s at the operating
> position, I have a cheap, yard-sale variety
> half-sized Vortex clone fan behind it and turn it on
> low blowing onto the heat sink. The RM-35 then,
> still doubles as a foot rest, while the Vortex clone
> keeps my feet nice and cool. I often have to nudge
> a cat off the -35 in the cooler/cold months, but I
> don't worry about the cat fur much either. One day
> I'll remove the cover, probably in the Spring, and
> take a vacuum to it, but it's not something that
> overly concerns me. Astron makes excellent power
> supplies, built to load and built
> to last.
>
> hi...
>
> 73.
>
>
> ---------------------------------
> Do you Yahoo!?
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>
> [Non-text portions of this message have been
> removed]
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# 1397. Re: [TS-850_450_690] 450S - ALC and audio volume conflict

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 13:46:20 UTC
From: Bill
Topic: 1395  Message: 1397

Mark, call me tonight and I will listen for you on the
air if you want. 40m probably best after 7PM to 9 land

303-424-4858 is the shop fone.

Goes for anyone on the list by the way.

73,

Bill K0ZL

--- k9zy <k9zy@...> wrote:
> I've got some experience with the Kenwood TS-430S
> and good audio
> quality with readings just outside the ALC upper
> limit, but now I'm
> finding with my recently acquired TS-450S that I'm
> getting low audio
> reports even when my ALC reading is well beyond the
> upper limit.
> Reports of an S9 signal, but low audio.
>
> I've tested with the stock MC-43 mic, and find the
> same scenario
> with my Realistic desktop mic. I have to set the Mic
> gain at 80 to
> 100% rotation position (distortion only reported
> when I got to 95%),
> and ALC readings pegged well above the upper limit
> recommended
> reading. (Just about the same with Speech processor
> on, but
> distortion comes in slightly earlier, but I'm well
> beyond
> recommended ALC readings). Is this consistent to
> 450s or should I
> be looking at a possible problem and not ignore the
> ALC reading? I
> worries me that I'm running at nearly full mic gain
> just to bring
> the audio up.
> Thanks,
> Mark
>
>
>

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# 1398. Re: [TS-850_450_690] Copy of Owners/User Manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 15:14:37 UTC
From: Bob Snelgrove
Topic: 1393  Message: 1398

I have it. About 4 megs. Email me if you want it.

bob

At 02:41 AM 10/28/2003 -0000, you wrote:
>Does anyone know where I can download the User's manual for the 850
>or would anyone be willing to make a copy of theirs. I will be more
>than happy to reimburse you for the cost of copying and mailing.
>
>I have the service manual but no owners manual. Any help would be
>appreciated
>
>Thanks in advance for any help.
>
>Jim WA3TPF
>
>
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1399. Re: [TS-850_450_690] 450S - ALC and audio volume conflict

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 15:30:26 UTC
From: Bob Snelgrove
Topic: 1395  Message: 1399

Bill

I'd like to listen in. Just got the 850 yesterday. What freq and what
time? I'm on the west coast.

thx

bob

At 05:46 AM 10/28/2003 -0800, you wrote:
>Mark, call me tonight and I will listen for you on the
>air if you want. 40m probably best after 7PM to 9 land
>
>303-424-4858 is the shop fone.
>
>Goes for anyone on the list by the way.
>
>73,
>
>Bill K0ZL
>
>--- k9zy <k9zy@...> wrote:
>> I've got some experience with the Kenwood TS-430S
>> and good audio
>> quality with readings just outside the ALC upper
>> limit, but now I'm
>> finding with my recently acquired TS-450S that I'm
>> getting low audio
>> reports even when my ALC reading is well beyond the
>> upper limit.
>> Reports of an S9 signal, but low audio.
>>
>> I've tested with the stock MC-43 mic, and find the
>> same scenario
>> with my Realistic desktop mic. I have to set the Mic
>> gain at 80 to
>> 100% rotation position (distortion only reported
>> when I got to 95%),
>> and ALC readings pegged well above the upper limit
>> recommended
>> reading. (Just about the same with Speech processor
>> on, but
>> distortion comes in slightly earlier, but I'm well
>> beyond
>> recommended ALC readings). Is this consistent to
>> 450s or should I

>> be looking at a possible problem and not ignore the
>> ALC reading? I
>> worries me that I'm running at nearly full mic gain
>> just to bring
>> the audio up.
>> Thanks,
>> Mark
>>
>>
>>
>
>
>=====
>
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>_____
>Do you Yahoo!?
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>http://launch.yahoo.com/promos/britneyspears/
>
>
>THANKS FOR USING TS-850_450_690@...
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1400. Re: [TS-850_450_690] Copy of Owners/User Manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 16:05:11 UTC
From: Bill
Topic: 1393  Message: 1400

Bob can you upload this to the group's FILES section?

If not, please email to me and I will put it there.

Thanks so much!

Bill K0ZL

--- Bob Snelgrove <steelgtr@...> wrote:
> I have it. About 4 megs. Email me if you want it.
>
>
> bob
>
>
>
> At 02:41 AM 10/28/2003 -0000, you wrote:
> >Does anyone know where I can download the User's
> manual for the 850
> >or would anyone be willing to make a copy of
> theirs. I will be more
> >than happy to reimburse you for the cost of copying
> and mailing.
> >
> >I have the service manual but no owners manual.
> Any help would be
> >appreciated
> >
> >Thanks in advance for any help.
> >
> >Jim WA3TPF
> >
> >
> >
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> >
> >
> >THANKS FOR USING TS-850_450_690@...
> >
> >Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
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# 1401. Re: [TS-850_450_690] 450S - ALC and audio volume conflict

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 16:07:51 UTC
From: Bill
Topic: 1395  Message: 1401

Let's shoot for 0000Z tonight; 6PM PAC, 9PM EST ok?

7295 and down till we find clear freq. I will call
"CQ TS-850 GROUP" or something like that.

Callsign K0ZL, will be running 500 watts and omni ant.

Any replies to this, sign your callsign if it's not in
your email addy so I will be looking for you.

bill

--- Bob Snelgrove <steelgtr@...> wrote:
> Bill
>
> I'd like to listen in. Just got the 850 yesterday.
> What freq and what
> time? I'm on the west coast.
>
> thx
>
> bob
>
>
> At 05:46 AM 10/28/2003 -0800, you wrote:
> >Mark, call me tonight and I will listen for you on
> the
> >air if you want. 40m probably best after 7PM to 9
> land
> >
> >303-424-4858 is the shop fone.
> >
> >Goes for anyone on the list by the way.
> >
> >73,
> >
> >Bill K0ZL
> >
> >--- k9zy <k9zy@...> wrote:
> >> I've got some experience with the Kenwood TS-430S
> >> and good audio
> >> quality with readings just outside the ALC upper
> >> limit, but now I'm
> >> finding with my recently acquired TS-450S that
> I'm
> >> getting low audio

> >> reports even when my ALC reading is well beyond
> the
> >> upper limit.
> >> Reports of an S9 signal, but low audio.
> >>
> >> I've tested with the stock MC-43 mic, and find
> the
> >> same scenario
> >> with my Realistic desktop mic. I have to set the
> Mic
> >> gain at 80 to
> >> 100% rotation position (distortion only reported
> >> when I got to 95%),
> >> and ALC readings pegged well above the upper
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> >> reading. (Just about the same with Speech
> processor
> >> on, but
> >> distortion comes in slightly earlier, but I'm
> well
> >> beyond
> >> recommended ALC readings). Is this consistent to
> >> 450s or should I
> >> be looking at a possible problem and not ignore
> the
> >> ALC reading? I
> >> worries me that I'm running at nearly full mic
> gain
> >> just to bring
> >> the audio up.
> >> Thanks,
> >> Mark
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> >http://launch.yahoo.com/promos/britneyspears/
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> >
> >THANKS FOR USING TS-850_450_690@...

> >
> >Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
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# 1402. INFORMAL NET MEETING 40M

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 16:15:30 UTC
From: Bill
Topic: 1402  Message: 1402

We are going to try an informal "net" meeting tonight (Tues 10/28) at 0200Z (6PM PST, 9PM EST) on 40M LSB, listen from 7295 and down until a somewhat clear frequency is reached. We will not interfere with existing nets or QSOs so please be flexible. Listen for "CQ TS-850 GROUP" or frequent references to the TS-850/450/690/570 radios. I will be announcing my callsign often, K0ZL.

My previous post was in error on the Zulu time, let's make it 0200Z Wednesday, that's 6PM Tues for the Left coast, and 9PM Tues nite for the Right coast. That gives everyone time to get dinner, kiss the wife and pet the dog or cat, and for propagation to go nationwide on 40.

73 all, hope to see you on tonight, God willin and and amp don't fry!

Bill K0ZL

# 1403. Re: [TS-850_450_690] Copy of Owners/User Manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 20:22:54 UTC
From: SJD N6RRV
Topic: 1393  Message: 1403

hi bob...can you please email me a copy.....thx

SCOTT J. DICKINSON N6RRV
----- Original Message -----
From: Bob Snelgrove
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, October 28, 2003 3:14 PM
Subject: Re: [TS-850_450_690] Copy of Owners/User Manual

I have it. About 4 megs. Email me if you want it.

bob

At 02:41 AM 10/28/2003 -0000, you wrote:
>Does anyone know where I can download the User's manual for the 850
>or would anyone be willing to make a copy of theirs. I will be more
>than happy to reimburse you for the cost of copying and mailing.
>
>I have the service manual but no owners manual. Any help would be
>appreciated
>
>Thanks in advance for any help.
>
>Jim WA3TPF
>
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>
>
>THANKS FOR USING TS-850_450_690@...
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

Yahoo! Groups Sponsor
ADVERTISEMENT

THANKS FOR USING TS-850_450_690@...

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 1404. Re: [TS-850_450_690] Copy of Owners/User Manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 16:35:20 UTC
From: Bob Snelgrove
Topic: 1393  Message: 1404

Tried to send it but it's over 5 megs. here is the link when it works:

http://www.qsl.net/dk9ip/850IM/850im.pdf

bob

At 08:22 PM 10/29/2003 -0000, you wrote:
>hi bob...can you please email me a copy.....thx
>
>SCOTT J. DICKINSON N6RRV
> ----- Original Message -----
> From: Bob Snelgrove
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, October 28, 2003 3:14 PM
> Subject: Re: [TS-850_450_690] Copy of Owners/User Manual
>
>
> I have it. About 4 megs. Email me if you want it.
>
>
> bob
>
>
>
> At 02:41 AM 10/28/2003 -0000, you wrote:
> >Does anyone know where I can download the User's manual for the 850
> >or would anyone be willing to make a copy of theirs. I will be more
> >than happy to reimburse you for the cost of copying and mailing.
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> >I have the service manual but no owners manual. Any help would be
> >appreciated
> >
> >Thanks in advance for any help.
> >
> >Jim WA3TPF
> >
> >
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> >
> >
> >
> >THANKS FOR USING TS-850_450_690@...
> >
> >Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
> >
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>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
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>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>[Non-text portions of this message have been removed]
>
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>
>
>THANKS FOR USING TS-850_450_690@...
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1405. Re: [TS-850_450_690] Copy of Owners/User Manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 17:08:07 UTC
From: Bob Snelgrove
Topic: 1393  Message: 1405

Bill

Get it here on my FTP site:

http://steelgtr.home.netcom.com/850.zip

thx

bob

At 08:05 AM 10/28/2003 -0800, you wrote:
>Bob can you upload this to the group's FILES section?
>
>If not, please email to me and I will put it there.
>
>Thanks so much!
>
>Bill K0ZL
>
>--- Bob Snelgrove <steelgtr@...> wrote:
>> I have it. About 4 megs. Email me if you want it.
>>
>>
>> bob
>>
>>
>>
>> At 02:41 AM 10/28/2003 -0000, you wrote:
>> >Does anyone know where I can download the User's
>> manual for the 850
>> >or would anyone be willing to make a copy of
>> theirs. I will be more
>> >than happy to reimburse you for the cost of copying
>> and mailing.
>> >
>> >I have the service manual but no owners manual.
>> Any help would be
>> >appreciated
>> >
>> >Thanks in advance for any help.
>> >
>> >Jim WA3TPF
>> >
>> >
>> >
>> >

>> >
>> >
>> >THANKS FOR USING TS-850_450_690@...
>> >
>> >Your use of Yahoo! Groups is subject to
>> http://docs.yahoo.com/info/terms/
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>=====
>
>see our website www.amateur-repairs.com
>
>
>_____
>Do you Yahoo!?
>Exclusive Video Premiere - Britney Spears
>http://launch.yahoo.com/promos/britneyspears/
>
>
>THANKS FOR USING TS-850_450_690@...
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1406. Re: [TS-850_450_690] Copy of Owners/User Manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 17:17:52 UTC
From: Bill
Topic: 1393  Message: 1406

Thanks Bob!!!

bill

--- Bob Snelgrove <steelgtr@...> wrote:
> Bill
>
> Get it here on my FTP site:
>
> http://steelgtr.home.netcom.com/850.zip
>
>
> thx
>
> bob
>
>
>
>
>
> At 08:05 AM 10/28/2003 -0800, you wrote:
> >Bob can you upload this to the group's FILES
> section?
> >
> >If not, please email to me and I will put it there.
> >
> >Thanks so much!
> >
> >Bill K0ZL
> >
> >--- Bob Snelgrove <steelgtr@...> wrote:
> >> I have it. About 4 megs. Email me if you want
> it.
> >>
> >>
> >> bob
> >>
> >>
> >>
> >> At 02:41 AM 10/28/2003 -0000, you wrote:
> >> >Does anyone know where I can download the User's
> >> manual for the 850
> >> >or would anyone be willing to make a copy of
> >> theirs. I will be more
> >> >than happy to reimburse you for the cost of

> copying
> >> and mailing.
> >> >
> >> >I have the service manual but no owners manual.
> >> Any help would be
> >> >appreciated
> >> >
> >> >Thanks in advance for any help.
> >> >
> >> >Jim WA3TPF
> >> >
> >> >
> >> >
> >> >
> >> >
> >> >
> >> >THANKS FOR USING TS-850_450_690@...
> >> >
> >> >Your use of Yahoo! Groups is subject to
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> >
> >see our website www.amateur-repairs.com
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> >
> >_____________________________________
> >Do you Yahoo!?
> >Exclusive Video Premiere - Britney Spears
> >http://launch.yahoo.com/promos/britneyspears/
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see our website www.amateur-repairs.com

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Do you Yahoo!?
Exclusive Video Premiere - Britney Spears
http://launch.yahoo.com/promos/britneyspears/

# 1407. Re: [TS-850_450_690] Copy of Owners/User Manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 17:21:18 UTC
From: Bob Snelgrove
Topic: 1393  Message: 1407

No probem

Thanks for being here to help me with my new 850 that arrived yesterday!!

bob

At 09:17 AM 10/28/2003 -0800, you wrote:
>Thanks Bob!!!
>
>bill
>
>--- Bob Snelgrove <steelgtr@...> wrote:
>> Bill
>>
>> Get it here on my FTP site:
>>
>> http://steelgtr.home.netcom.com/850.zip
>>
>>
>> thx
>>
>> bob
>>
>>
>>
>>
>>
>> At 08:05 AM 10/28/2003 -0800, you wrote:
>> >Bob can you upload this to the group's FILES
>> section?
>> >
>> >If not, please email to me and I will put it there.
>> >
>> >Thanks so much!
>> >
>> >Bill K0ZL
>> >
>> >--- Bob Snelgrove <steelgtr@...> wrote:
>> >> I have it. About 4 megs. Email me if you want
>> it.
>> >>
>> >>
>> >> bob
>> >>
>> >>
>> >>

>> >> At 02:41 AM 10/28/2003 -0000, you wrote:
>> >> >Does anyone know where I can download the User's
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>> >> >than happy to reimburse you for the cost of
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>> >> and mailing.
>> >> >
>> >> >I have the service manual but no owners manual.
>> >> Any help would be
>> >> >appreciated
>> >> >
>> >> >Thanks in advance for any help.
>> >> >
>> >> >Jim WA3TPF
>> >> >
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>> >> >
>> >> >THANKS FOR USING TS-850_450_690@...
>> >> >
>> >> >Your use of Yahoo! Groups is subject to
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>> >see our website www.amateur-repairs.com
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>> >_____________________________________
>> >Do you Yahoo!?
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>> >http://launch.yahoo.com/promos/britneyspears/
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>> >THANKS FOR USING TS-850_450_690@...
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>see our website www.amateur-repairs.com
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>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1408. Re: [TS-850_450_690] INFORMAL NET MEETING 40M

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 20:34:41 UTC
From: Bob Snelgrove
Topic: 1402  Message: 1408

I'll be listening since I can't talk yet. Long way to go for that!

bob

At 04:15 PM 10/28/2003 -0000, you wrote:
>We are going to try an informal "net" meeting tonight (Tues 10/28) at
>0200Z (6PM PST, 9PM EST) on 40M LSB, listen from 7295 and down until
>a somewhat clear frequency is reached. We will not interfere with
>existing nets or QSOs so please be flexible. Listen for "CQ TS-850
>GROUP" or frequent references to the TS-850/450/690/570 radios. I
>will be announcing my callsign often, K0ZL.
>
>My previous post was in error on the Zulu time, let's make it 0200Z
>Wednesday, that's 6PM Tues for the Left coast, and 9PM Tues nite for
>the Right coast. That gives everyone time to get dinner, kiss the
>wife and pet the dog or cat, and for propagation to go nationwide on
>40.
>
>73 all, hope to see you on tonight, God willin and and amp don't fry!
>
>Bill K0ZL
>
>
>
>THANKS FOR USING TS-850_450_690@...
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1409. Re: [TS-850_450_690] Copy of Owners/User Manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 20:45:02 UTC
From: Bill
Topic: 1393  Message: 1409

Thanks Bob.

b

--- Bob Snelgrove <steelgtr@...> wrote:
> Tried to send it but it's over 5 megs. here is the
> link when it works:
>
> http://www.qsl.net/dk9ip/850IM/850im.pdf
>
>
> bob
>
>
>
>
> At 08:22 PM 10/29/2003 -0000, you wrote:
> >hi bob...can you please email me a copy.....thx
> >
> >SCOTT J. DICKINSON N6RRV
> > ----- Original Message -----
> > From: Bob Snelgrove
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Tuesday, October 28, 2003 3:14 PM
> > Subject: Re: [TS-850_450_690] Copy of Owners/User
> Manual
> >
> >
> > I have it. About 4 megs. Email me if you want
> it.
> >
> >
> > bob
> >
> >
> >
> > At 02:41 AM 10/28/2003 -0000, you wrote:
> > >Does anyone know where I can download the User's
> manual for the 850
> > >or would anyone be willing to make a copy of
> theirs. I will be more
> > >than happy to reimburse you for the cost of
> copying and mailing.
> > >
> > >I have the service manual but no owners manual.

> Any help would be
> > >appreciated
> > >
> > >Thanks in advance for any help.
> > >
> > >Jim WA3TPF
> > >
> > >
> > >
> > >
> > >
> > >
> > >THANKS FOR USING TS-850_450_690@...
> > >
> > >Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
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> >
> > Yahoo! Groups Sponsor
> > ADVERTISEMENT
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> >
> > THANKS FOR USING TS-850_450_690@...
> >
> > Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
> >
> >
> >[Non-text portions of this message have been
> removed]
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> >
> >THANKS FOR USING TS-850_450_690@...
> >
> >Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
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_____
Do you Yahoo!?
Exclusive Video Premiere - Britney Spears
http://launch.yahoo.com/promos/britneyspears/

# 1410. Re: [TS-850_450_690] INFORMAL NET MEETING 40M

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 20:48:59 UTC
From: Bill
Topic: 1402  Message: 1410

Bob I will try to have Yahoo messenger up if you would
like to add something to the conversation!

bill K0ZL

--- Bob Snelgrove <steelgtr@...> wrote:
> I'll be listening since I can't talk yet. Long way
> to go for that!
>
>
> bob
>
>
>
>
> At 04:15 PM 10/28/2003 -0000, you wrote:
> >We are going to try an informal "net" meeting
> tonight (Tues 10/28) at
> >0200Z (6PM PST, 9PM EST) on 40M LSB, listen from
> 7295 and down until
> >a somewhat clear frequency is reached. We will not
> interfere with
> >existing nets or QSOs so please be flexible.
> Listen for "CQ TS-850
> >GROUP" or frequent references to the
> TS-850/450/690/570 radios. I
> >will be announcing my callsign often, K0ZL.
> >
> >My previous post was in error on the Zulu time,
> let's make it 0200Z
> >Wednesday, that's 6PM Tues for the Left coast, and
> 9PM Tues nite for
> >the Right coast. That gives everyone time to get
> dinner, kiss the
> >wife and pet the dog or cat, and for propagation to
> go nationwide on
> >40.
> >
> >73 all, hope to see you on tonight, God willin and
> and amp don't fry!
> >
> >Bill K0ZL
> >
> >
> >

> >THANKS FOR USING TS-850_450_690@...
> >
> >Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> >
> >
> >
>
>
>

=====

see our website www.amateur-repairs.com

---------------------------------
Do you Yahoo!?
Exclusive Video Premiere - Britney Spears
http://launch.yahoo.com/promos/britneyspears/

# 1411. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 21:36:21 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 1411

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /Kenwood IF232C.pdf
Uploaded by : ac742a <ac742@...>
Description : IF-232C Instruction Manual

You can access this file at the URL

http://groups.yahoo.com/group/TS-850_450_690/files/Kenwood%20IF232C.pdf

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ac742a <ac742@...>

# 1412. IF-232C Instruction Manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 21:39:45 UTC
From: ac742a
Topic: 1412  Message: 1412

I got hold of the IF-232C manual in Adobe Acrobat format, so I
decided to post it here. Hopefully it will be of interest to someone.

73

Greg Danylchenko/VE3YTZ

# 1413. PC Interface for TS850SAT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 21:46:40 UTC
From: Mario Aviles
Topic: 1413  Message: 1413

<http://us.adserver.yahoo.com/l?M=194081.4074964.5287182.1261774/D=egroupmai
l/S=:HM/A=1754016/rand=553848587>
Hi:

I would like to build a PC interface for my TS850SAT to use it with some of the most popular logging Software. Would appreciate help with circuit diagrams.

Regards

Mario

[Non-text portions of this message have been removed]

# 1414. DSP-100 for sale on eBay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 22:40:00 UTC
From: Al n7ioh
Topic: 1414  Message: 1414

For anyone interested in a DSP-100 there is one listed on eBay, item number 3054220574. It expires Oct 29-03 at 09:18:41 PST. I wish I had the extra money, looks like a good one.

Al Turner N7IOH

---
Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.532 / Virus Database: 326 - Release Date: 10/27/2003

[Non-text portions of this message have been removed]

# 1415. Re: [TS-850_450_690] DSP-100 for sale on eBay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 23:17:37 UTC
From: Berry W6EZ
Topic: 1414  Message: 1415

Those things are sooooo costly!
I got mine off the 40 meter swap net. $150.00 !!! As the net control was
giving the phone number I was dialing the phone.
I was very lucky.

W6EZ

# 1416. Re: [TS-850_450_690] DSP-100 for sale on eBay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 23:49:33 UTC
From: Zack Widup
Topic: 1414  Message: 1416

They look like something really neat to have but $450 is a lot of money.
You got yourself quite a deal!

I think when I get my income tax refund next year I'll get the IRC 400 Hz
CW filters first.

73, Zack W9SZ

On Tue, 28 Oct 2003, Berry W6EZ wrote:

> Those things are sooooo costly!
> I got mine off the 40 meter swap net. $150.00 !!! As the net control was
> giving the phone number I was dialing the phone.
> I was very lucky.
>
> W6EZ
>
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>

# 1417. Re: [TS-850_450_690] INFORMAL NET MEETING 40M

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 02:12:35 UTC
From: Bob Snelgrove
Topic: 1402  Message: 1417

Are you guys on?

bob

At 04:15 PM 10/28/2003 -0000, you wrote:
>We are going to try an informal "net" meeting tonight (Tues 10/28) at
>0200Z (6PM PST, 9PM EST) on 40M LSB, listen from 7295 and down until
>a somewhat clear frequency is reached. We will not interfere with
>existing nets or QSOs so please be flexible. Listen for "CQ TS-850
>GROUP" or frequent references to the TS-850/450/690/570 radios. I
>will be announcing my callsign often, K0ZL.
>
>My previous post was in error on the Zulu time, let's make it 0200Z
>Wednesday, that's 6PM Tues for the Left coast, and 9PM Tues nite for
>the Right coast. That gives everyone time to get dinner, kiss the
>wife and pet the dog or cat, and for propagation to go nationwide on
>40.
>
>73 all, hope to see you on tonight, God willin and and amp don't fry!
>
>Bill K0ZL
>
>
>
>THANKS FOR USING TS-850_450_690@...
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1418. 7.295 sounds bad on my end

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 02:21:35 UTC
From: JD Daniels
Topic: 1418  Message: 1418

I cant pull nothing out except, Radio Mexico. Can we try another Freq?
7.2975 lsb

# 1419. Re: [TS-850_450_690] 7.295 sounds bad on my end

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 02:56:25 UTC
From: Bob Snelgrove
Topic: 1418  Message: 1419

I couldn't find you guys and ended up finding Art Bell on 7.21 !!

bob

At 02:21 AM 10/29/2003 -0000, you wrote:
>I cant pull nothing out except, Radio Mexico. Can we try another Freq?
>7.2975 lsb
>
>
>
>THANKS FOR USING TS-850_450_690@...
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1420. Re: [TS-850_450_690] Copy of Owners/User Manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 03:56:44 UTC
From: Bill
Topic: 1393  Message: 1420

Bob and group;

I d'loaded to my machine, then uploaded to the groups
FILES section.

Thanks again!

Bill

--- Bob Snelgrove <steelgtr@...> wrote:
> Tried to send it but it's over 5 megs. here is the
> link when it works:
>
> http://www.qsl.net/dk9ip/850IM/850im.pdf
>
>
> bob
>
>
>
>
> At 08:22 PM 10/29/2003 -0000, you wrote:
> >hi bob...can you please email me a copy.....thx
> >
> >SCOTT J. DICKINSON N6RRV
> > ----- Original Message -----
> > From: Bob Snelgrove
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Tuesday, October 28, 2003 3:14 PM
> > Subject: Re: [TS-850_450_690] Copy of Owners/User
> Manual
> >
> >
> > I have it. About 4 megs. Email me if you want
> it.
> >
> >
> > bob
> >
> >
> >
> > At 02:41 AM 10/28/2003 -0000, you wrote:
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> > >THANKS FOR USING TS-850_450_690@...
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> > Yahoo! Groups Sponsor
> > ADVERTISEMENT
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> >
> > THANKS FOR USING TS-850_450_690@...
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> > Your use of Yahoo! Groups is subject to the
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> >[Non-text portions of this message have been
> removed]
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> >THANKS FOR USING TS-850_450_690@...
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# 1421. Re: 850 Frequency Drift...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-28 22:05:21 UTC
From: Joe
Topic: 1391  Message: 1421

Hello' Bill... thanks a lot for you reply...

18Hz drift from cold start is very good, IMHO, and I wish I had the same :-(

So, If I have indeed a bad Crystal, what can I do?

Does any body know what kind of Xtal is?
Is it a Xtal, or an oscillator?
Any Kenwood P/N for this component? Is it replaceable with something else NOT from Kenwood?
The TCXO is hard to find, not to mention the price, but is there any viable alternative to the original unit? Or is there anybody selling the TCXO?

Also, I remember reading something about someone using industrial TCXO for this purpose... any info?

Also, out of curiosity, does the TCXO option sit beside the original oscillator, or the TCXO replaces it?

Sorry for the fire of questions, but I would like to get somenthing to fix my rig...

Thanks everybody... thanks Bill!

73 de IW7ECJ, Joe

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> mine only drifts 18 hz from "cool" start (65 deg) to
> warm, whatever that is (72 I think)... Sounds like you
> may have a bad crystal there.
>
>
> --- Joe <joe_1at642@l...> wrote:
> > Here's Joe, IW7ECJ asking for help...
> >
> >
> > I have an 850 that I have recently bought
> > second-hand... its serial
> > is in the 4XXXXXX range...

> > I mostly SWL in SSB with this rig and When I switch
> > it on from cold,
> > I have to tune some 200-250 Hz below the real
> > frequency to hear
> > natural-sounding stations...

> >
> > I mean, if the station is transmitting on 28,000.00
> > KHz, I have to
> > tune in 27,999.75 KHz, if I want to hear correct
> > audio...
> >
> > Problem is that, after some 30Min. in Receive mode,
> > the 850 drifts a
> > bit, and makes the frequency readout almost exactly
> > on-the-spot...

# 1422. Re: DSP-100 for sale on eBay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 00:42:40 UTC
From: mr_dave6
Topic: 1414  Message: 1422

only on ebay you will pay more then it is worth

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@p...> wrote:
> They look like something really neat to have but $450 is a lot of money.
> You got yourself quite a deal!
>
> I think when I get my income tax refund next year I'll get the IRC
400 Hz
> CW filters first.
>
> 73, Zack W9SZ
>
>
> On Tue, 28 Oct 2003, Berry W6EZ wrote:
>
> > Those things are sooooo costly!
> > I got mine off the 40 meter swap net. $150.00 !!! As the net
control was
> > giving the phone number I was dialing the phone.
> > I was very lucky.
> >
> > W6EZ
> >
> >
> >
> >
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@Y...
> >
> > Your use of Yahoo! Groups is subject to
http://docs.yahoo.com/info/terms/
> >
> >

# 1423. Re: [TS-850_450_690] Re: DSP-100 for sale on eBay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 04:20:04 UTC
From: Bill
Topic: 1414  Message: 1423

On eBay you will pay slightly more than what the highest bidder thinks it's worth! Economics at it's most basic level, as long as you don't get in a bidding war and do something dumb...

I have got some great deals on ebay, and others have bought some great deals from me.

bill

--- mr_dave6 <mr_dave6@...> wrote:
> only on ebay you will pay more then it is worth
>
> --- In TS-850_450_690@yahoogroups.com, Zack Widup
> <w9sz@p...> wrote:
> > They look like something really neat to have but
> $450 is a lot of money.
> > You got yourself quite a deal!
> >
> > I think when I get my income tax refund next year
> I'll get the IRC
> 400 Hz
> > CW filters first.
> >
> > 73, Zack W9SZ
> >
> >
> > On Tue, 28 Oct 2003, Berry W6EZ wrote:
> >
> > > Those things are sooooo costly!
> > > I got mine off the 40 meter swap net. $150.00
> !!! As the net
> control was
> > > giving the phone number I was dialing the phone.
> > > I was very lucky.
> > >
> > > W6EZ
> > >
> > >
> > >
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> > >
> > >
> > >
> > > THANKS FOR USING TS-850_450_690@Y...
> > >

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# 1424. Re: [TS-850_450_690] INFORMAL NET MEETING 40M

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 04:34:14 UTC
From: Bill
Topic: 1402  Message: 1424

So sorry fellas...

I came home after a very bad day at work
(waaaahHHHHHHhhhh!) and went to bed... woke up, felt
like mule poo, and forgot to get on... so sorry.

Let's try again for Thurs nite, same freqs and time...
I think someone else had another freq to try, I can
scan them both.

73 all and again, my apologies.

bill K0ZL

--- Bob Snelgrove <steelgtr@...> wrote:
> Are you guys on?
>
> bob
>
>
>
>
> At 04:15 PM 10/28/2003 -0000, you wrote:
> >We are going to try an informal "net" meeting
> tonight (Tues 10/28) at
> >0200Z (6PM PST, 9PM EST) on 40M LSB, listen from
> 7295 and down until
> >a somewhat clear frequency is reached. We will not
> interfere with
> >existing nets or QSOs so please be flexible.
> Listen for "CQ TS-850
> >GROUP" or frequent references to the
> TS-850/450/690/570 radios. I
> >will be announcing my callsign often, K0ZL.
> >
> >My previous post was in error on the Zulu time,
> let's make it 0200Z
> >Wednesday, that's 6PM Tues for the Left coast, and
> 9PM Tues nite for
> >the Right coast. That gives everyone time to get
> dinner, kiss the
> >wife and pet the dog or cat, and for propagation to
> go nationwide on
> >40.
> >
> >73 all, hope to see you on tonight, God willin and

> and amp don't fry!
> >
> >Bill K0ZL
> >
> >
> >
> >THANKS FOR USING TS-850_450_690@...
> >
> >Your use of Yahoo! Groups is subject to
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# 1425. Re: 850 Frequency Drift...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 04:39:59 UTC
From: Bill
Topic: 1391  Message: 1425

Hi Joe,

the crystal is L77-0963-05, or replace it with the SO2 option.

b

--- In TS-850_450_690@yahoogroups.com, "Joe" <joe_1at642@l...> wrote:
> Hello' Bill... thanks a lot for you reply...
>
> 18Hz drift from cold start is very good, IMHO, and I wish I had the
> same :-(
>
> So, If I have indeed a bad Crystal, what can I do?
>
> Does any body know what kind of Xtal is?
> Is it a Xtal, or an oscillator?
> Any Kenwood P/N for this component? Is it replaceable with
something
> else NOT from Kenwood?
> The TCXO is hard to find, not to mention the price, but is there
any
> viable alternative to the original unit? Or is there anybody
selling
> the TCXO?
>
> Also, I remember reading something about someone using industrial
> TCXO for this purpose... any info?
>
> Also, out of curiosity, does the TCXO option sit beside the
original
> oscillator, or the TCXO replaces it?
>
> Sorry for the fire of questions, but I would like to get somenthing
> to fix my rig...
>
> Thanks everybody... thanks Bill!
>
> 73 de IW7ECJ, Joe
>
> --- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> > mine only drifts 18 hz from "cool" start (65 deg) to
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> > may have a bad crystal there.
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> >
> > --- Joe <joe_1at642@l...> wrote:

> > > Here's Joe, IW7ECJ asking for help...
> > >
> > >
> > > I have an 850 that I have recently bought
> > > second-hand... its serial
> > > is in the 4XXXXXX range...
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> > > I mostly SWL in SSB with this rig and When I switch
> > > it on from cold,
> > > I have to tune some 200-250 Hz below the real
> > > frequency to hear
> > > natural-sounding stations...
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> > > I mean, if the station is transmitting on 28,000.00
> > > KHz, I have to
> > > tune in 27,999.75 KHz, if I want to hear correct
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> > >
> > > Problem is that, after some 30Min. in Receive mode,
> > > the 850 drifts a
> > > bit, and makes the frequency readout almost exactly
> > > on-the-spot...

# 1426. Re: [TS-850_450_690] Re: DSP-100 for sale on eBay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 05:16:26 UTC
From: Zack Widup
Topic: 1414  Message: 1426

On Tue, 28 Oct 2003, Bill wrote:

> On eBay you will pay slightly more than what the
> highest bidder thinks it's worth! Economics at it's
> most basic level, as long as you don't get in a
> bidding war and do something dumb...
>
> I have got some great deals on ebay, and others have
> bought some great deals from me.
>
> bill
>

I've gotten some great deals on eBay myself. And a few parts that were overpriced but very diffuicult to get. I've noticed that microwave power FET's with data sheets available for download on the Web go for quite a bit of money; those without data sheets available go for next to nothing.

Another place to watch for things like the DSP-100 is the eham.net "for sale" pages. Things are a lot more reasonably priced there.

73, Zack W9SZ

# 1427. Re: [TS-850_450_690] TS-870 vs. TS-850 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 05:45:51 UTC
From: Bob Snelgrove
Topic: 1362  Message: 1427

Bill

What is an IRC filter?

thx

bob

At 05:35 AM 10/27/2003 -0800, you wrote:
>OK.. Here's my take.
>
>Had an 870 on the bench for a couple of days doing the
>rx gain re-apportionment mod, and adding some IRC
>filters, along with two of my DC snubber kits to the
>antenna leads. The rig was a joy to work on, with
>easy access to all boards. Also did the 60M mod, I
>think.
>
>I was impressed with the receiver after the mods (did
>not get to use it much before); I think it stacks up
>well to my 850, and the IRC filters gave it a decided
>advantage in shape factor on SSB. Did not install the
>CW filter.
>
>I didn't like the noise reduction feature, but I have
>not heard one that I liked yet... I even hesitate to
>use the noise blanker unless I have to. All the noise
>reduction I need is in the filters, RF gain, and
>between the ears. I just don't like the watery, synth
>sound of even mild settings on NR.
>
>Same on the 746/pro by the way.
>
>The front panel was OK... I thought the 870 had rubber
>keys, but they are hard plastic like the 850. But I
>missed the telephone-style numeric keypad; made direct
>freq entry a little harder.
>
>On rx, the 870 was excellent with the IRC filters. I
>was also impressed with the AM reception, pulling a
>QSO out of the mud on 75, comparable to the 850. Not
>better mind you, but just as good. Better than the
>430 with the AM filter.
>
>On TX, didn't get but one report; but we all know that
>the 870 sounds fantastic on transmit.

>
>Would I own an 870? You bet! Would I get rid of my
>850 to get one? No. It's paid for! hi.
>
>I think the 870 with the gain-reapportionment mod is
>as good as the 850; add the IRC filters, and it's
>better. Add the IRC filters to the 850, it would no
>doubt ratchet the 850 right back up there with the
>870. So I think at some point in the future, I am
>going to have to get the IRC filters for the 850.
>
>73 all,
>
>Bill
>
>
>--- Bob Snelgrove <steelgtr@...> wrote:
>>
>> I can handle it :)
>>
>>
>> bob
>>
>>
>>
>>
>>
>>
>> At 09:12 AM 10/26/2003 -0800, you wrote:
>> >Bob,
>> >You sure you want to start this thread? hi hi...
>> >
>> >Have the 850, have used the 870, will reply in
>> detail
>> >later in the week.
>> >
>> >73,
>> >
>> >Bill
>> >K0ZL
>> >
>> >--- Bob Snelgrove <steelgtr@...> wrote:
>> >> Hi Guys
>> >>
>> >> Just wondered how much better the 870 is than the
>> >> beloved 850? :)
>> >>
>> >>
>> >> thx
>> >>

>> >> bob
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# 1428. Background Noise?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 14:48:17 UTC
From: Bob Snelgrove
Topic: 1428  Message: 1428

Hi Gang

Got my 850 a few days ago and am enjoying it. This is my first real radio and my previous experience is scanners. I'm used to using the squelch on the scanner to have silence until there is a signal. I can't seem to do that on SSB. Is the background (whoosh) just something you have to learn to get used to when no one is talking?

I am only using a discone scanner antenna for now but am very impressed how well it's pulling in 40 meters.

I have the AIP "on" and both 2.7k filters on, RF gain all the way up.

Any suggestions much appreciated. A great rig!

thx

bob

# 1429. RE: [TS-850_450_690] Background Noise?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 15:13:41 UTC
From: ac7nj@donobi.net
Topic: 1428  Message: 1429

Bob,
Yes and no, the background can be squelched by using the squelch and RF gain but many stations you would normally hear will not be herd. Most HF operators learn not to even hear the background noise. Working the RF gain, Slope Tune, notch filters, and noise blankers is how you make the TS-850 come alive. Pulling that station you want out of all the rest is what it is all about.

Randy Williamson AC7NJ
129 F Street Southeast
Ephrata, Washington 98823-1914
(509)754-2990

-----Original Message-----
From: Bob Snelgrove [mailto:steelgtr@...]
Sent: Wednesday, October 29, 2003 14:48
To: kenwood@...
Cc: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Background Noise?

Hi Gang

Got my 850 a few days ago and am enjoying it. This is my first real radio and my previous experience is scanners. I'm used to using the squelch on the scanner to have silence until there is a signal. I can't seem to do that on SSB. Is the background (whoosh) just something you have to learn to get used to when no one is talking?

I am only using a discone scanner antenna for now but am very impressed how well it's pulling in 40 meters.

I have the AIP "on" and both 2.7k filters on, RF gain all the way up.

Any suggestions much appreciated. A great rig!

thx

bob

THANKS FOR USING TS-850_450_690@...

Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/

# 1430. Re: [TS-850_450_690] TS-870 vs. TS-850 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 15:14:56 UTC
From: Bill
Topic: 1362  Message: 1430

There are two "inrads", one makes ham stuff and the
other one is into industrial goodies.

here's the ham one:

http://www.qth.com/inrad/

click on filters>>kenwood>>(your model)

73,

Bill

--- Bob Snelgrove <steelgtr@...> wrote:
> Bill
>
> What is an IRC filter?
>
> thx
>
> bob
>
>
>
>
>
> At 05:35 AM 10/27/2003 -0800, you wrote:
> >OK.. Here's my take.
> >
> >Had an 870 on the bench for a couple of days doing
> the
> >rx gain re-apportionment mod, and adding some IRC
> >filters, along with two of my DC snubber kits to
> the
> >antenna leads. The rig was a joy to work on, with
> >easy access to all boards. Also did the 60M mod, I
> >think.
> >
> >I was impressed with the receiver after the mods
> (did
> >not get to use it much before); I think it stacks
> up
> >well to my 850, and the IRC filters gave it a
> decided
> >advantage in shape factor on SSB. Did not install
> the

> >CW filter.
> >
> >I didn't like the noise reduction feature, but I
> have
> >not heard one that I liked yet... I even hesitate
> to
> >use the noise blanker unless I have to. All the
> noise
> >reduction I need is in the filters, RF gain, and
> >between the ears. I just don't like the watery,
> synth
> >sound of even mild settings on NR.
> >
> >Same on the 746/pro by the way.
> >
> >The front panel was OK... I thought the 870 had
> rubber
> >keys, but they are hard plastic like the 850. But
> I
> >missed the telephone-style numeric keypad; made
> direct
> >freq entry a little harder.
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> >
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> >>
> >> I can handle it :)
> >>
> >>
> >> bob
> >>
> >>
> >>
> >>
> >>
> >>
> >> At 09:12 AM 10/26/2003 -0800, you wrote:
> >> >Bob,
> >> >You sure you want to start this thread? hi
> hi...
> >> >
> >> >Have the 850, have used the 870, will reply in
> >> detail
> >> >later in the week.
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> >> >--- Bob Snelgrove <steelgtr@...>
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# 1431. Re: [TS-850_450_690] TS-870 vs. TS-850 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 15:14:55 UTC
From: Bill
Topic: 1362  Message: 1431

There are two "inrads", one makes ham stuff and the
other one is into industrial goodies.

here's the ham one:

http://www.qth.com/inrad/

click on filters>>kenwood>>(your model)

73,

Bill

--- Bob Snelgrove <steelgtr@...> wrote:
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> What is an IRC filter?
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> thx
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> >>
> >>
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> hi...
> >> >
> >> >Have the 850, have used the 870, will reply in
> >> detail
> >> >later in the week.
> >> >
> >> >73,
> >> >
> >> >Bill
> >> >K0ZL
> >> >
> >> >--- Bob Snelgrove <steelgtr@...>
> wrote:
> >> >> Hi Guys
> >> >>
> >> >> Just wondered how much better the 870 is than
> the
> >> >> beloved 850? :)
> >> >>
> >> >>
> >> >> thx
> >> >>
> >> >> bob
> >> >>
> >> >>
> >> >>
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> >> >
> >> >THANKS FOR USING TS-850_450_690@...
> >> >
> >> >Your use of Yahoo! Groups is subject to
> >> http://docs.yahoo.com/info/terms/
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# 1432. Re: [TS-850_450_690] TS-870 vs. TS-850 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 15:27:52 UTC
From: Zack Widup
Topic: 1362  Message: 1432

International Radio. Some people call them IRC filters and some call them INRAD filters. Although the Kenwood filters are very good, IRC has a reputation for even better filters.

73, Zack W9SZ

On Tue, 28 Oct 2003, Bob Snelgrove wrote:

> Bill
>
> What is an IRC filter?
>
> thx
>
> bob
>

# 1433. Re: [TS-850_450_690] TS-870 vs. TS-850 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 15:31:15 UTC
From: Bob Snelgrove
Topic: 1362  Message: 1433

What would be a good one to add to my 850? Just doing 10/20/40 meter LSB
right now.

thx

bob

At 09:27 AM 10/29/2003 -0600, you wrote:
>
>International Radio. Some people call them IRC filters and some call them
>INRAD filters. Although the Kenwood filters are very good, IRC has a
>reputation for even better filters.
>
>73, Zack W9SZ
>
>On Tue, 28 Oct 2003, Bob Snelgrove wrote:
>
>> Bill
>>
>> What is an IRC filter?
>>
>> thx
>>
>> bob
>>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1434. Re: [TS-850_450_690] Background Noise?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 15:34:03 UTC
From: Bill
Topic: 1428  Message: 1434

Bob you are doing well to leave the AIP ON (that is, preamps OFF) when on 40m; I am surprised though that you DON'T seem to need the preamp with a compromise antenna, to receive 40M!

Squelch does not work well on SSB, that is true, unless the station is well above the noise. A wire antenna will fix that. You got trees?

Try 20m, around 14.170, and 6Khz filters! tune guys in, then kick the 2.7's out.. see what you think.

Oh yeah, should put nice external speaker on that rig... got a spare boom-box speaker? They work great!

bill

--- Bob Snelgrove <steelgtr@...> wrote:
> Hi Gang
>
> Got my 850 a few days ago and am enjoying it. This
> is my first real radio
> and my previous experience is scanners. I'm used to
> using the squelch on
> the scanner to have silence until there is a signal.
> I can't seem to do
> that on SSB. Is the background (whoosh) just
> something you have to learn to
> get used to when no one is talking?
>
> I am only using a discone scanner antenna for now
> but am very impressed how
> well it's pulling in 40 meters.
>
> I have the AIP "on" and both 2.7k filters on, RF
> gain all the way up.
>
> Any suggestions much appreciated. A great rig!
>
>
> thx
>
> bob
>
>
>

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# 1435. RE: [TS-850_450_690] Background Noise?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 15:38:18 UTC
From: Bill
Topic: 1428  Message: 1435

Randy is right!

God gave you a wet processor that is a real good noise
reduction system. I prefer it over the NR systems in
any of the new rigs.

Thing is to get the XYL and kids used to the noise!
Mine call me the "STATIC JUNKIE" sometimes!

b

--- ac7nj@... wrote:
> Bob,
> Yes and no, the background can be squelched by using
> the squelch and RF gain
> but many stations you would normally hear will not
> be herd. Most HF
> operators learn not to even hear the background
> noise. Working the RF gain,
> Slope Tune, notch filters, and noise blankers is how
> you make the TS-850
> come alive. Pulling that station you want out of all
> the rest is what it is
> all about.
>
> Randy Williamson AC7NJ
> 129 F Street Southeast
> Ephrata, Washington 98823-1914
> (509)754-2990
>
>
>
> -----Original Message-----
> From: Bob Snelgrove [mailto:steelgtr@...]
> Sent: Wednesday, October 29, 2003 14:48
> To: kenwood@...
> Cc: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Background Noise?
>
> Hi Gang
>
> Got my 850 a few days ago and am enjoying it. This
> is my first real radio
> and my previous experience is scanners. I'm used to
> using the squelch on
> the scanner to have silence until there is a signal.

> I can't seem to do
> that on SSB. Is the background (whoosh) just
> something you have to learn to
> get used to when no one is talking?
>
> I am only using a discone scanner antenna for now
> but am very impressed how
> well it's pulling in 40 meters.
>
> I have the AIP "on" and both 2.7k filters on, RF
> gain all the way up.
>
> Any suggestions much appreciated. A great rig!
>
>
> thx
>
> bob
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Your use of Yahoo! Groups is subject to
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# 1436. Re: 450S - ALC and audio volume conflict

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 06:06:49 UTC
From: k9zy
Topic: 1395  Message: 1436

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> Let's shoot for 0000Z tonight; 6PM PAC, 9PM EST ok?
>
> 7295 and down till we find clear freq. I will call
> "CQ TS-850 GROUP" or something like that.
>
> Callsign K0ZL, will be running 500 watts and omni ant.
>
> Any replies to this, sign your callsign if it's not in
> your email addy so I will be looking for you.
>
> bill
>
> --- Bob Snelgrove <steelgtr@i...> wrote:
> > Bill
> >
> > I'd like to listen in. Just got the 850 yesterday.
> > What freq and what
> > time? I'm on the west coast.

Bill, all. I'm on the road, and missing my rigs. Missed tonights
contact. Let me try to link up on the weekend with an advance phone
call to you, Bill. FYI... I'm a displaced 9 out in Northern
California near Sacramento. Thanks Bill.
Mark
> >
> > thx
> >
> > bob
> >
> >
> > At 05:46 AM 10/28/2003 -0800, you wrote:
> > >Mark, call me tonight and I will listen for you on
> > the
> > >air if you want. 40m probably best after 7PM to 9
> > land
> > >
> > >303-424-4858 is the shop fone.
> > >
> > >Goes for anyone on the list by the way.
> > >
> > >73,
> > >
> > >Bill K0ZL
> > >

> > >--- k9zy <k9zy@y...> wrote:
> > >> I've got some experience with the Kenwood TS-430S
> > >> and good audio
> > >> quality with readings just outside the ALC upper
> > >> limit, but now I'm
> > >> finding with my recently acquired TS-450S that
> > I'm
> > >> getting low audio
> > >> reports even when my ALC reading is well beyond
> > the
> > >> upper limit.
> > >> Reports of an S9 signal, but low audio.
> > >>
> > >> I've tested with the stock MC-43 mic, and find
> > the
> > >> same scenario
> > >> with my Realistic desktop mic. I have to set the
> > Mic
> > >> gain at 80 to
> > >> 100% rotation position (distortion only reported
> > >> when I got to 95%),
> > >> and ALC readings pegged well above the upper
> > limit
> > >> recommended
> > >> reading. (Just about the same with Speech
> > processor
> > >> on, but
> > >> distortion comes in slightly earlier, but I'm
> > well
> > >> beyond
> > >> recommended ALC readings). Is this consistent to
> > >> 450s or should I
> > >> be looking at a possible problem and not ignore
> > the
> > >> ALC reading? I
> > >> worries me that I'm running at nearly full mic
> > gain
> > >> just to bring
> > >> the audio up.
> > >> Thanks,
> > >> Mark
> > >>
> > >>
> > >>
> > >
> > >
> > >=====
> > >
> > >see our website www.amateur-repairs.com
> > >

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> > >
> > >THANKS FOR USING TS-850_450_690@Y...
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# 1437. Re: [TS-850_450_690] Background Noise?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 16:01:53 UTC
From: Bob Snelgrove
Topic: 1428  Message: 1437

Bill

Yes, aip light is on. I tried my metal box motorola speaker but it
emphasizes the highs too much.

Can't get anything on 20 meters today (solar storm?)

thx

bob

At 07:34 AM 10/29/2003 -0800, you wrote:
>Bob you are doing well to leave the AIP ON (that is,
>preamps OFF) when on 40m; I am surprised though that
>you DON'T seem to need the preamp with a compromise
>antenna, to receive 40M!
>
>Squelch does not work well on SSB, that is true,
>unless the station is well above the noise. A wire
>antenna will fix that. You got trees?
>
>Try 20m, around 14.170, and 6Khz filters! tune guys
>in, then kick the 2.7's out.. see what you think.
>
>Oh yeah, should put nice external speaker on that
>rig... got a spare boom-box speaker? They work great!
>
>bill
>
>--- Bob Snelgrove <steelgtr@...> wrote:
>> Hi Gang
>>
>> Got my 850 a few days ago and am enjoying it. This
>> is my first real radio
>> and my previous experience is scanners. I'm used to
>> using the squelch on
>> the scanner to have silence until there is a signal.
>> I can't seem to do
>> that on SSB. Is the background (whoosh) just
>> something you have to learn to
>> get used to when no one is talking?
>>
>> I am only using a discone scanner antenna for now
>> but am very impressed how
>> well it's pulling in 40 meters.
>>

>> I have the AIP "on" and both 2.7k filters on, RF
>> gain all the way up.
>>
>> Any suggestions much appreciated. A great rig!
>>
>>
>> thx
>>
>> bob
>>
>>
>>
>
>
>=====
>
>see our website www.amateur-repairs.com
>
>
>_____
>Do you Yahoo!?
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>
>THANKS FOR USING TS-850_450_690@...
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1438. Re: [TS-850_450_690] Re: 450S - ALC and audio volume conflict

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 16:44:47 UTC
From: Bill
Topic: 1395  Message: 1438

OK Mark, no problem... see you then!

bill

--- k9zy <k9zy@...> wrote:
> --- In TS-850_450_690@yahoogroups.com, Bill
> <coorsbill@y...> wrote:
> > Let's shoot for 0000Z tonight; 6PM PAC, 9PM EST
> ok?
> >
> > 7295 and down till we find clear freq. I will
> call
> > "CQ TS-850 GROUP" or something like that.
> >
> > Callsign K0ZL, will be running 500 watts and omni
> ant.
> >
> > Any replies to this, sign your callsign if it's
> not in
> > your email addy so I will be looking for you.
> >
> > bill
> >
> > --- Bob Snelgrove <steelgtr@i...> wrote:
> > > Bill
> > >
> > > I'd like to listen in. Just got the 850
> yesterday.
> > > What freq and what
> > > time? I'm on the west coast.
>
> Bill, all. I'm on the road, and missing my rigs.
> Missed tonights
> contact. Let me try to link up on the weekend with
> an advance phone
> call to you, Bill. FYI... I'm a displaced 9 out in
> Northern
> California near Sacramento. Thanks Bill.
> Mark
> > >
> > > thx
> > >
> > > bob
> > >
> > >

> > > At 05:46 AM 10/28/2003 -0800, you wrote:
> > > >Mark, call me tonight and I will listen for you
> on
> > > the
> > > >air if you want. 40m probably best after 7PM to
> 9
> > > land
> > > >
> > > >303-424-4858 is the shop fone.
> > > >
> > > >Goes for anyone on the list by the way.
> > > >
> > > >73,
> > > >
> > > >Bill K0ZL
> > > >
> > > >--- k9zy <k9zy@y...> wrote:
> > > >> I've got some experience with the Kenwood
> TS-430S
> > > >> and good audio
> > > >> quality with readings just outside the ALC
> upper
> > > >> limit, but now I'm
> > > >> finding with my recently acquired TS-450S
> that
> > > I'm
> > > >> getting low audio
> > > >> reports even when my ALC reading is well
> beyond
> > > the
> > > >> upper limit.
> > > >> Reports of an S9 signal, but low audio.
> > > >>
> > > >> I've tested with the stock MC-43 mic, and
> find
> > > the
> > > >> same scenario
> > > >> with my Realistic desktop mic. I have to set
> the
> > > Mic
> > > >> gain at 80 to
> > > >> 100% rotation position (distortion only
> reported
> > > >> when I got to 95%),
> > > >> and ALC readings pegged well above the upper
> > > limit
> > > >> recommended
> > > >> reading. (Just about the same with Speech
> > > processor
> > > >> on, but

> > > >> distortion comes in slightly earlier, but I'm
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> > > >> beyond
> > > >> recommended ALC readings). Is this consistent
> to
> > > >> 450s or should I
> > > >> be looking at a possible problem and not
> ignore
> > > the
> > > >> ALC reading? I
> > > >> worries me that I'm running at nearly full
> mic
> > > gain
> > > >> just to bring
> > > >> the audio up.
> > > >> Thanks,
> > > >> Mark
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# 1439. Re: [TS-850_450_690] TS-870 vs. TS-850 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 17:10:09 UTC
From: Zack Widup
Topic: 1362  Message: 1439

People have recommended to me the 2.1 kHz filters for all-around SSB operating. If you're into contesting or DX pileups you may want the 1.8 kHz filters. Make sure you get both the 8.83 MHz and 455 kHz filters.

I've been told to get the 400 Hz filters for CW. That's what I plan on doing, as I do far more CW operating than SSB.

See http://www.qth.com/inrad/TS-850.HTM

73, Zack W9SZ

On Wed, 29 Oct 2003, Bob Snelgrove wrote:

> What would be a good one to add to my 850? Just doing 10/20/40 meter LSB
> right now.
>
> thx
>
> bob
>
>
> At 09:27 AM 10/29/2003 -0600, you wrote:
> >
> >International Radio. Some people call them IRC filters and some call them
> >INRAD filters. Although the Kenwood filters are very good, IRC has a
> >reputation for even better filters.
> >
> >73, Zack W9SZ
> >

# 1440. Re: [TS-850_450_690] Background Noise?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 17:51:15 UTC
From: Bill
Topic: 1428  Message: 1440

Solar flux is great, but an A of 20 and K of 6 means
that 21 mhz and down are going to have trouble.

Try 10m... listen at 28.200 for CW beacons (wide
bandwidth, AIP OFF.

The motorola boxes are great for voice, suck for music
and general SWLing

bill

http://dx.qsl.net/propagation/propagation.html

--- Bob Snelgrove <steelgtr@...> wrote:
> Bill
>
> Yes, aip light is on. I tried my metal box motorola
> speaker but it
> emphasizes the highs too much.
>
> Can't get anything on 20 meters today (solar storm?)
>
> thx
>
> bob
>
>
>
>
> At 07:34 AM 10/29/2003 -0800, you wrote:
> >Bob you are doing well to leave the AIP ON (that
> is,
> >preamps OFF) when on 40m; I am surprised though
> that
> >you DON'T seem to need the preamp with a compromise
> >antenna, to receive 40M!
> >
> >Squelch does not work well on SSB, that is true,
> >unless the station is well above the noise. A wire
> >antenna will fix that. You got trees?
> >
> >Try 20m, around 14.170, and 6Khz filters! tune
> guys
> >in, then kick the 2.7's out.. see what you think.
> >
> >Oh yeah, should put nice external speaker on that

> >rig... got a spare boom-box speaker? They work
> great!
> >
> >bill
> >
> >--- Bob Snelgrove <steelgtr@...> wrote:
> >> Hi Gang
> >>
> >> Got my 850 a few days ago and am enjoying it.
> This
> >> is my first real radio
> >> and my previous experience is scanners. I'm used
> to
> >> using the squelch on
> >> the scanner to have silence until there is a
> signal.
> >> I can't seem to do
> >> that on SSB. Is the background (whoosh) just
> >> something you have to learn to
> >> get used to when no one is talking?
> >>
> >> I am only using a discone scanner antenna for now
> >> but am very impressed how
> >> well it's pulling in 40 meters.
> >>
> >> I have the AIP "on" and both 2.7k filters on, RF
> >> gain all the way up.
> >>
> >> Any suggestions much appreciated. A great rig!
> >>
> >>
> >> thx
> >>
> >> bob
> >>
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> >___________________________________
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> >http://launch.yahoo.com/promos/britneyspears/
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> >THANKS FOR USING TS-850_450_690@...
> >
> >Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
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# 1441. RE: [TS-850_450_690] Background Noise?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 15:51:45 UTC
From: Bill Smith
Topic: 1428  Message: 1441

What is the proper sequence, procedure, etc. to use
when using RF gain,
Slope Tune, notch filters, and noise blankers to
reduce the noise and pull the signal out.
73,
Bill--- Bill <coorsbill@...> wrote:
> Randy is right!
>
> God gave you a wet processor that is a real good
> noise
> reduction system. I prefer it over the NR systems
> in
> any of the new rigs.
>
> Thing is to get the XYL and kids used to the noise!
> Mine call me the "STATIC JUNKIE" sometimes!
>
> b
>
> --- ac7nj@... wrote:
> > Bob,
> > Yes and no, the background can be squelched by
> using
> > the squelch and RF gain
> > but many stations you would normally hear will not
> > be herd. Most HF
> > operators learn not to even hear the background
> > noise. Working the RF gain,
> > Slope Tune, notch filters, and noise blankers is
> how
> > you make the TS-850
> > come alive. Pulling that station you want out of
> all
> > the rest is what it is
> > all about.
> >
> > Randy Williamson AC7NJ
> > 129 F Street Southeast
> > Ephrata, Washington 98823-1914
> > (509)754-2990
> >
> >
> >
> > -----Original Message-----
> > From: Bob Snelgrove

> [mailto:steelgtr@...]
> > Sent: Wednesday, October 29, 2003 14:48
> > To: kenwood@...
> > Cc: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] Background Noise?
> >
> > Hi Gang
> >
> > Got my 850 a few days ago and am enjoying it. This
> > is my first real radio
> > and my previous experience is scanners. I'm used
> to
> > using the squelch on
> > the scanner to have silence until there is a
> signal.
> > I can't seem to do
> > that on SSB. Is the background (whoosh) just
> > something you have to learn to
> > get used to when no one is talking?
> >
> > I am only using a discone scanner antenna for now
> > but am very impressed how
> > well it's pulling in 40 meters.
> >
> > I have the AIP "on" and both 2.7k filters on, RF
> > gain all the way up.
> >
> > Any suggestions much appreciated. A great rig!
> >
> >
> > thx
> >
> > bob
> >
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> >
> > Your use of Yahoo! Groups is subject to
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Bill Smith KO4NR

_____________________________
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# 1442. RE: [TS-850_450_690] Background Noise?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 21:11:00 UTC
From: Bill
Topic: 1428  Message: 1442

Experimentation is the key.

Conditions determine which you use, and when, also how your noggin feels... your settings will be different if you are overcoming a head cold, vs. Field Day for instance.

Generally I reduce my RF gain until the noise becomes tolerable; I run mine about 3 oclock or less usually. This also allows your filters to work better, as it puts the stronger, off-freq sigs a little further down the slope of the filters.

Noise blanker 1 only useful on ign and some line noise, typically on 10-15 meters. I never use it on the lower bands but very infrequently on 20. Always use the lowest (furthest CCW) setting on the noise blanker as it tends to widen strong off-channel sigs... this INCREASES noise rather than decreasing it!

Slope tuning can be used to reduce off-freq QRM but that is sometimes a trade off, as you can also loose part of the sig you are trying to copy. Remember also, as soon as you engage slope tuning, you are loosing some of the slope factor on the dual filter situation. You may notice if you have the two CW filters, if you engage slope tuning, QRM from the opposite side may actually get worse.

On the other hand, if I am running both CW filters, I tend to run my slope tuning two notches t'wards center on both sides; this broadens the response a little bit and I can copy code a bit faster that way. Also RTTY seems to decode a little better that way.

bill

--- Bill Smith <ko4nrbs@...> wrote:
> What is the proper sequence, procedure, etc. to use
> when using RF gain,
> Slope Tune, notch filters, and noise blankers to
> reduce the noise and pull the signal out.
> 73,
> Bill--- Bill <coorsbill@...> wrote:
> > Randy is right!
> >

> > God gave you a wet processor that is a real good
> > noise
> > reduction system. I prefer it over the NR systems
> > in
> > any of the new rigs.
> >
> > Thing is to get the XYL and kids used to the
> noise!
> > Mine call me the "STATIC JUNKIE" sometimes!
> >
> > b
> >
> > --- ac7nj@... wrote:
> > > Bob,
> > > Yes and no, the background can be squelched by
> > using
> > > the squelch and RF gain
> > > but many stations you would normally hear will
> not
> > > be herd. Most HF
> > > operators learn not to even hear the background
> > > noise. Working the RF gain,
> > > Slope Tune, notch filters, and noise blankers is
> > how
> > > you make the TS-850
> > > come alive. Pulling that station you want out of
> > all
> > > the rest is what it is
> > > all about.
> > >
> > > Randy Williamson AC7NJ
> > > 129 F Street Southeast
> > > Ephrata, Washington 98823-1914
> > > (509)754-2990
> > >
> > >
> > >
> > > -----Original Message-----
> > > From: Bob Snelgrove
> > [mailto:steelgtr@...]
> > > Sent: Wednesday, October 29, 2003 14:48
> > > To: kenwood@...
> > > Cc: TS-850_450_690@yahoogroups.com
> > > Subject: [TS-850_450_690] Background Noise?
> > >
> > > Hi Gang
> > >
> > > Got my 850 a few days ago and am enjoying it.
> This
> > > is my first real radio

> > > and my previous experience is scanners. I'm
> used
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> > > using the squelch on
> > > the scanner to have silence until there is a
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> > > I can't seem to do
> > > that on SSB. Is the background (whoosh) just
> > > something you have to learn to
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> > > I am only using a discone scanner antenna for
> now
> > > but am very impressed how
> > > well it's pulling in 40 meters.
> > >
> > > I have the AIP "on" and both 2.7k filters on, RF
> > > gain all the way up.
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> > > Any suggestions much appreciated. A great rig!
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> > >
> > > thx
> > >
> > > bob
> > >
> > >
> > >
> > >
> > > THANKS FOR USING TS-850_450_690@...
> > >
> > > Your use of Yahoo! Groups is subject to
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# 1443. Re: [TS-850_450_690] Background Noise?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 21:53:55 UTC
From: kgshutt
Topic: 1428  Message: 1443

Bill and Bob,

The stock noise blankers on my 850 never seem to help. My 850 is older vintage (purchased in feb 91, ser # 20800013). Is the mod that cuts a couple of traces on the nb board worth doing?

73 de Ken - K5GUU
----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, October 29, 2003 3:11 PM
Subject: RE: [TS-850_450_690] Background Noise?

Experimentation is the key.

Conditions determine which you use, and when, also how your noggin feels... your settings will be different if you are overcoming a head cold, vs. Field Day for instance.

Generally I reduce my RF gain until the noise becomes tolerable; I run mine about 3 oclock or less usually. This also allows your filters to work better, as it puts the stronger, off-freq sigs a little further down the slope of the filters.

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> > > Sent: Wednesday, October 29, 2003 14:48
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> > > THANKS FOR USING TS-850_450_690@...
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[Non-text portions of this message have been removed]

# 1444. Re: [TS-850_450_690] TS-870 vs. TS-850 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-29 20:26:21 UTC
From: Bruce Muscolino
Topic: 1362  Message: 1444

The TS-850 is limited to one set of filters for each mode. That is you can have 8.83 mHz ad 455 kHz filters for each SSB and CW, but you cannot also have the filter set for 2.1 kHz SSB.

I have the Kenwood 500 hZ filters for CW. I find them entirely adequate for my 100% CW operation. I don't think the 100 hZ narrower bandwidth if the IRC filters makes all that much difference in pure bandwidth. Where they may be better, and I haven't tried them yet, is in shape factor. And there the shape factor may play a more important role at 8.83 mHz than at both.

73

# 1445. Re: 850 Frequency Drift...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 00:07:04 UTC
From: Joe
Topic: 1391  Message: 1445

Hi again Bill...

So it is a "normal" crystal???

Any info on sources for this item?

A search on google yeld no useable result...

Also, please, can you (...or anybody else reading this) tell me where
I can find, on the internet a complete service manual, or at least
the circuit portion that contains the master oscillator?

Before ordering a crystal (given that I can find one...), I would
like to the circuit to see if there is something else that can cause
so big a drift...

Thanks for your patience, Bill and all list...

73 de Joe IW7ECJ

--- In TS-850_450_690@yahoogroups.com, "Bill" <coorsbill@y...> wrote:
> Hi Joe,
>
> the crystal is L77-0963-05, or replace it with the SO2 option.
>
> b
>
> --- In TS-850_450_690@yahoogroups.com, "Joe" <joe_1at642@l...>
wrote:
> > Hello' Bill... thanks a lot for you reply...
> >
> > 18Hz drift from cold start is very good, IMHO, and I wish I had
the
> > same :-(
> >
> > So, If I have indeed a bad Crystal, what can I do?
> >
> > Does any body know what kind of Xtal is?
> > Is it a Xtal, or an oscillator?
> > Any Kenwood P/N for this component? Is it replaceable with
> something
> > else NOT from Kenwood?
> > The TCXO is hard to find, not to mention the price, but is there
> any
> > viable alternative to the original unit? Or is there anybody
> selling
> > the TCXO?

> >
> > Also, I remember reading something about someone using industrial
> > TCXO for this purpose... any info?
> >
> > Also, out of curiosity, does the TCXO option sit beside the
> original
> > oscillator, or the TCXO replaces it?
> >
> > Sorry for the fire of questions, but I would like to get
somenthing
> > to fix my rig...
> >
> > Thanks everybody... thanks Bill!
> >
> > 73 de IW7ECJ, Joe
> >
> > --- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...>
wrote:
> > > mine only drifts 18 hz from "cool" start (65 deg) to
> > > warm, whatever that is (72 I think)... Sounds like you
> > > may have a bad crystal there.
> > >
> > >
> > > --- Joe <joe_1at642@l...> wrote:
> > > > Here's Joe, IW7ECJ asking for help...
> > > >
> > > >
> > > > I have an 850 that I have recently bought
> > > > second-hand... its serial
> > > > is in the 4XXXXXX range...
> >
> > > > I mostly SWL in SSB with this rig and When I switch
> > > > it on from cold,
> > > > I have to tune some 200-250 Hz below the real
> > > > frequency to hear
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> > > >
> > > > I mean, if the station is transmitting on 28,000.00
> > > > KHz, I have to
> > > > tune in 27,999.75 KHz, if I want to hear correct
> > > > audio...
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> > > > Problem is that, after some 30Min. in Receive mode,
> > > > the 850 drifts a
> > > > bit, and makes the frequency readout almost exactly
> > > > on-the-spot...

# 1446. Re: [TS-850_450_690] Re: 850 Frequency Drift...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 04:47:38 UTC
From: Bill
Topic: 1391  Message: 1446

OK Joe tell us again, where does it start out, and
where does it end up? Please give frequency readout
to the nearest tens of hertz.

Also how are you determining zero beat?

bill

--- Joe <joe_1at642@...> wrote:
> Hi again Bill...
>
> So it is a "normal" crystal???
>
> Any info on sources for this item?
>
> A search on google yeld no useable result...
>
> Also, please, can you (...or anybody else reading
> this) tell me where
> I can find, on the internet a complete service
> manual, or at least
> the circuit portion that contains the master
> oscillator?
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> one...), I would
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> else that can cause
> so big a drift...
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> Thanks for your patience, Bill and all list...
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> 73 de Joe IW7ECJ
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> wrote:

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> > > > > frequency to hear
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# 1447. TS-850 "Fine" Tuning?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 07:10:12 UTC
From: Bob Snelgrove
Topic: 1428  Message: 1447

Hi Guys

I don't think my "fine" function is working. I push the button and hear the beep, the "fine" lights up in the display but the VFO doesn't change the freq. any slower than when it's not engaged. Could I have missed something?

thx

bob

# 1448. Re: 850 Frequency Drift...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 08:35:17 UTC
From: Joe
Topic: 1391  Message: 1448

Hi Bill, Hi all reading this...

Sorry to bore you all with this problem of mine, but this
Group has proven to be a great source of knowledge, and I
really don't know where else I can place my questions...

So, again, a BIG "Thank You!!!" for undergoing the pain to
read my messages and, eventually, replying them...

OK... to summarize...

I have an 850 that has serial in the 4XXXXXX range that
I use mostly to SWL in SSB on 10mt due to aerial restrictions

When I switch it on from cold (Room Temp... 24 C),
I have to tune some 250 Hz below the real frequency to hear
natural-sounding stations...

I've made some tests last night with a friend transmitting QRP
on 28,000.00 KHz, and I had to tune in 27,999.75 KHz, to hear
his voice sound natural enough. RIT/XIT were OFF.

I also compared the audio to a new IC706MKII-G I have recently
acquired, and result was consistently the same: 250 Hz BELOW
desired QRG. Not to tell that the Icom is on-the-spot, but it
seems to me to be working fine.

After some 30Min. in Receive mode, the 850 drifts quite a
bit, and makes the frequency readout almost exactly on-the-spot...

I have no Frequency Counter here to check the Master Oscillator, and
I can rely only on what I listen on the air...

Also, I have tried many times to tune-in WWWV on 10 MHz or 15 MHz,
but haven't had any luck so far, because on those frequencies I
ALWAYS have the Chinese station "BPM", whose transmitting schedule
is unknown to me...

I'm not that picky about my QRG being EXACTLY on the spot... after
all I don't plan any MARS/CAP affiliation ;-)

It would suffice to me to have limited drift and reasonably
natural-sounding voices when tuning on their (supposed) QRG

OK... hope that this description is accurate enough to give you
something to work-on.

Thanks for your time Bill...

Joe IW7ECJ Bari - Italy

> OK Joe tell us again, where does it start out, and
> where does it end up? Please give frequency readout
> to the nearest tens of hertz.
>
> Also how are you determining zero beat?
>
> Bill
>
> > Joe <joe_1at642@l...> wrote:
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> > > > > > I mostly SWL in SSB with this rig and When I
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> > > > > > I have to tune some 200-250 Hz below the
> > > > > > real frequency to hear
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> > > > > > I mean, if the station is transmitting on
> > > > > > 28,000.00 KHz, I have to tune in 27,999.75 KHz,
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> > > > > > exactly on-the-spot...

# 1449. Re: [TS-850_450_690] Background Noise?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 15:06:12 UTC
From: Bill
Topic: 1428  Message: 1449

Ken I have done a few of these, can't really tell
without some objective testing. I haven't been driven
to try it on mine until I get into the rig for
something else, but my NB works pretty well. NB2 is
designed for the over-the-horizon radar pulses that we
used to call "the wood pecker", which has been shut
down in favor of satellite surveillance (thanks to God
and glasnost for that!).

I think the mod would be worth doing for you. As long
as you are in there, you can remove the DC-DC
converter and install a 11 pin DIP socket for that
board.

If you feel you don't want to tackle this, you can
mail me just the board and I can do it for you.

bill
--- kgshutt <kgshutt@...> wrote:
> Bill and Bob,
>
> The stock noise blankers on my 850 never seem to
> help. My 850 is older vintage (purchased in feb 91,
> ser # 20800013). Is the mod that cuts a couple of
> traces on the nb board worth doing?
>
> 73 de Ken - K5GUU
> ----- Original Message -----
> From: Bill
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, October 29, 2003 3:11 PM
> Subject: RE: [TS-850_450_690] Background Noise?
>
>
> Experimentation is the key.
>
> Conditions determine which you use, and when, also
> how
> your noggin feels... your settings will be
> different
> if you are overcoming a head cold, vs. Field Day
> for
> instance.
>
> Generally I reduce my RF gain until the noise
> becomes

> tolerable; I run mine about 3 oclock or less
> usually.
> This also allows your filters to work better, as
> it
> puts the stronger, off-freq sigs a little further
> down
> the slope of the filters.
>
> Noise blanker 1 only useful on ign and some line
> noise, typically on 10-15 meters. I never use it
> on
> the lower bands but very infrequently on 20.
> Always
> use the lowest (furthest CCW) setting on the noise
> blanker as it tends to widen strong off-channel
> sigs... this INCREASES noise rather than
> decreasing
> it!
>
> Slope tuning can be used to reduce off-freq QRM
> but
> that is sometimes a trade off, as you can also
> loose
> part of the sig you are trying to copy. Remember
> also, as soon as you engage slope tuning, you are
> loosing some of the slope factor on the dual
> filter
> situation. You may notice if you have the two CW
> filters, if you engage slope tuning, QRM from the
> opposite side may actually get worse.
>
> On the other hand, if I am running both CW
> filters, I
> tend to run my slope tuning two notches t'wards
> center
> on both sides; this broadens the response a little
> bit
> and I can copy code a bit faster that way. Also
> RTTY
> seems to decode a little better that way.
>
>
>
> bill
>
>
> --- Bill Smith <ko4nrbs@...> wrote:
> > What is the proper sequence, procedure, etc. to
> use
> > when using RF gain,

> > Slope Tune, notch filters, and noise blankers to
> > reduce the noise and pull the signal out.
> > 73,
> > Bill--- Bill <coorsbill@...> wrote:
> > > Randy is right!
> > >
> > > God gave you a wet processor that is a real
> good
> > > noise
> > > reduction system. I prefer it over the NR
> systems
> > > in
> > > any of the new rigs.
> > >
> > > Thing is to get the XYL and kids used to the
> > noise!
> > > Mine call me the "STATIC JUNKIE" sometimes!
> > >
> > > b
> > >
> > > --- ac7nj@... wrote:
> > > > Bob,
> > > > Yes and no, the background can be squelched
> by
> > > using
> > > > the squelch and RF gain
> > > > but many stations you would normally hear
> will
> > not
> > > > be herd. Most HF
> > > > operators learn not to even hear the
> background
> > > > noise. Working the RF gain,
> > > > Slope Tune, notch filters, and noise
> blankers is
> > > how
> > > > you make the TS-850
> > > > come alive. Pulling that station you want
> out of
> > > all
> > > > the rest is what it is
> > > > all about.
> > > >
> > > > Randy Williamson AC7NJ
> > > > 129 F Street Southeast
> > > > Ephrata, Washington 98823-1914
> > > > (509)754-2990
> > > >
> > > >
> > > >

> > > > -----Original Message-----
> > > > From: Bob Snelgrove
> > > > [mailto:steelgtr@...]
> > > > Sent: Wednesday, October 29, 2003 14:48
> > > > To: kenwood@...
> > > > Cc: TS-850_450_690@yahoogroups.com
> > > > Subject: [TS-850_450_690] Background Noise?
> > > > 
> > > > Hi Gang
> > > > 
> > > > Got my 850 a few days ago and am enjoying
> it.
> > This
> > > > is my first real radio
> > > > and my previous experience is scanners. I'm
> > used
> > > to
> > > > using the squelch on
> > > > the scanner to have silence until there is a
> > > signal.
> > > > I can't seem to do
> > > > that on SSB. Is the background (whoosh) just
> > > > something you have to learn to
> > > > get used to when no one is talking?
> > > > 
> > > > I am only using a discone scanner antenna
> for
> > now
> > > > but am very impressed how
> > > > well it's pulling in 40 meters.
> > > > 
> > > > I have the AIP "on" and both 2.7k filters
> on, RF
> > > > gain all the way up.
> > > > 
> > > > Any suggestions much appreciated. A great
> rig!
> > > > 
> > > > 
> > > > thx
> > > > 
> > > > bob
> > > > 
> > > > 
> > > > 
> > > > 
> > > > 
> > > > THANKS FOR USING
> TS-850_450_690@...
> > > > 
> > > > Your use of Yahoo! Groups is subject to

> > > > http://docs.yahoo.com/info/terms/
> > > >
> > > >
> > > >
> > > >
> > >
> > >
> > > =====
> > >
> > > see our website www.amateur-repairs.com
> > >
> > >
> > > _____________________________________
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> > > http://launch.yahoo.com/promos/britneyspears/
> > >
> >
> >
> > =====
> > Bill Smith KO4NR
> >
> > _____________________________________
> > Do you Yahoo!?
> > Exclusive Video Premiere - Britney Spears
>
=== message truncated ===

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# 1450. Re: [TS-850_450_690] Re: TS-850 Mars Mod?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 15:18:56 UTC
From: Bob Snelgrove
Topic: 1362  Message: 1450

Hi Guys,

Does anyone have a picture of this or the inside of the 850?

Does it take a special too for those 8 or 9 little screws?

thx

bob

At 09:45 PM 10/25/2003 -0700, you wrote:
>It's just a regular diode, snip it... not SMD.
>
>Thought for sure I had picture of it, but I don't yet.
>
>bill
>
>--- steelgtr_95127 <steelgtr@...> wrote:
>> Thanks, Guys
>>
>> I hope I can just do the "snip" Do you remove it or
>> just clip on
>> lead?
>>
>> Could you post your serial numbers?
>>
>> Mine is 4xxxxxxxxxx, if that matters.
>>
>> thx!
>>
>> bob
>>
>>
>> --- In TS-850_450_690@yahoogroups.com, Zack Widup
>> <w9sz@p...> wrote:
>> > Same here. I only removed D11, I didn't reinstall
>> at the D9
>> position.
>> >
>> > I am guessing it varies from model to model.
>> >
>> > 73, Zack W9SZ
>> >
>> > >
>> > > Bill,
>> > > My rig did not need the diode to be re-installed

>> (just removed,)
>> and I
>> > > thought you told me that yours did not, either.
>> I'm confused!
>> > > 73,
>> > > Paul K4PDM
>> > >
>>
>>
>>
>
>
>=====
>
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>
>
>_____
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>http://launch.yahoo.com/promos/britneyspears/
>
>
>THANKS FOR USING TS-850_450_690@...
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1451. Re: [TS-850_450_690] TS-850 "Fine" Tuning?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 15:47:39 UTC
From: Bill
Topic: 1428  Message: 1451

CHECK menu item 05, tuning knob step freq should be
100 Hz, instead of 10Hz

b

--- Bob Snelgrove <steelgtr@...> wrote:
> Hi Guys
>
> I don't think my "fine" function is working. I push
> the button and hear the
> beep, the "fine" lights up in the display but the
> VFO doesn't change the
> freq. any slower than when it's not engaged. Could
> I have missed something?
>
> thx
>
> bob
>
>
>
>
>

=====

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# 1452. 10m open

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 15:49:26 UTC
From: Bill
Topic: 1452  Message: 1452

THURS MORN
K0ZL QRV ON 28.385 USB, 28.025 CW OR 29.600 FM, GIVE ME A CALL

TEN OPEN TO EAST COAST THIS MORN

73 ALL

K0ZL

# 1453. Re: [TS-850_450_690] Re: 850 Frequency Drift...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 15:51:08 UTC
From: Bill
Topic: 1391  Message: 1453

I really think you have a bad master osc crystal, as I
described below.. I would change it, or put in the
so-2 option.

bill
--- Joe <joe_1at642@...> wrote:
> Hi Bill, Hi all reading this...
>
> Sorry to bore you all with this problem of mine, but
> this
> Group has proven to be a great source of knowledge,
> and I
> really don't know where else I can place my
> questions...
>
> So, again, a BIG "Thank You!!!" for undergoing the
> pain to
> read my messages and, eventually, replying them...
>
> OK... to summarize...
>
> I have an 850 that has serial in the 4XXXXXX range
> that
> I use mostly to SWL in SSB on 10mt due to aerial
> restrictions
>
> When I switch it on from cold (Room Temp... 24 C),
> I have to tune some 250 Hz below the real frequency
> to hear
> natural-sounding stations...
>
> I've made some tests last night with a friend
> transmitting QRP
> on 28,000.00 KHz, and I had to tune in 27,999.75
> KHz, to hear
> his voice sound natural enough. RIT/XIT were OFF.
>
> I also compared the audio to a new IC706MKII-G I
> have recently
> acquired, and result was consistently the same: 250
> Hz BELOW
> desired QRG. Not to tell that the Icom is
> on-the-spot, but it
> seems to me to be working fine.
>

> After some 30Min. in Receive mode, the 850 drifts
> quite a
> bit, and makes the frequency readout almost exactly
> on-the-spot...
>
> I have no Frequency Counter here to check the Master
> Oscillator, and
> I can rely only on what I listen on the air...
>
> Also, I have tried many times to tune-in WWWV on 10
> MHz or 15 MHz,
> but haven't had any luck so far, because on those
> frequencies I
> ALWAYS have the Chinese station "BPM", whose
> transmitting schedule
> is unknown to me...
>
> I'm not that picky about my QRG being EXACTLY on the
> spot... after
> all I don't plan any MARS/CAP affiliation ;-)
>
> It would suffice to me to have limited drift and
> reasonably
> natural-sounding voices when tuning on their
> (supposed) QRG
>
> OK... hope that this description is accurate enough
> to give you
> something to work-on.
>
> Thanks for your time Bill...
>
> Joe IW7ECJ Bari - Italy
>
> > OK Joe tell us again, where does it start out, and
> > where does it end up? Please give frequency
> readout
> > to the nearest tens of hertz.
> >
> > Also how are you determining zero beat?
> >
> > Bill
> >
> > > Joe <joe_1at642@l...> wrote:
> > > Hi again Bill...
> > >
> > > So it is a "normal" crystal???
> > >
> > > Any info on sources for this item?
> > >

> > > A search on google yeld no useable result...
> > >
> > > Also, please, can you (...or anybody else
> reading
> > > this) tell me where I can find, on the internet
> a
> > > complete service manual, or at least the circuit
> > > portion that > contains the master oscillator?
> > >
> > > Before ordering a crystal (given that I can find
> > > one...), I would like to the circuit to see if
> > > there is something else that can cause so big a
> drift...
> > >
> > > Thanks for your patience, Bill and all list...
> > >
> > > 73 de Joe IW7ECJ
> > >
> > > > In TS-850_450_690@yahoogroups.com, "Bill"
> > > > <coorsbill@y...> wrote:
> > > > Hi Joe,
> > > > >
> > > > the crystal is L77-0963-05, or replace it with
> the
> > > > SO2 option.
> > > > >
> > > > b
> > > > >
> > > > > In TS-850_450_690@yahoogroups.com, "Joe"
> > > > > <joe_1at642@l...>
> > > > > wrote:
> > > > > Hello' Bill... thanks a lot for you reply...
> > > > > >
> > > > > 18Hz drift from cold start is very good,
> IMHO,
> > > > > and I wish I had the same :-(
> > > > > >
> > > > > So, If I have indeed a bad Crystal, what can
> I
> > > > > do?
> > > > > >
> > > > > Does any body know what kind of Xtal is?
> > > > > Is it a Xtal, or an oscillator?
> > > > > Any Kenwood P/N for this component? Is it
> > > > > replaceable with something
> > > > > else NOT from Kenwood?
> > > > > The TCXO is hard to find, not to mention the
> > > > > price, but is there any
> > > > > viable alternative to the original unit? Or
> is

> > > > > there anybody selling the TCXO?
> > > > >
> > > > > Also, I remember reading something about
> someone
> > > > > using industrial TCXO for this purpose...
> any info?
> > > > >
> > > > > Also, out of curiosity, does the TCXO option
> sit
> > > > > beside the original oscillator, or the TCXO
> replaces it?
> > > > >
> > > > > Sorry for the fire of questions, but I would
> > > > > like to get somenthing
> > > > > to fix my rig...
> > > > >
> > > > > Thanks everybody... thanks Bill!
> > > > >
> > > > > 73 de IW7ECJ, Joe
> > > > >
> > > > > > In TS-850_450_690@yahoogroups.com, Bill
> > > > > > <coorsbill@y...> wrote:
> > > > > > mine only drifts 18 hz from "cool" start
> (65
> > > > > > deg) to warm, whatever that is (72 I
> think)... Sounds
> > > > > > like you may have a bad crystal there.
> > > > > >
> > > > > >
> > > > > > > Joe <joe_1at642@l...> wrote:
> > > > > > > Here's Joe, IW7ECJ asking for help...
> > > > > > >
> > > > > > >
> > > > > > > I have an 850 that I have recently
> bought
> > > > > > > second-hand... its serial
> > > > > > > is in the 4XXXXXX range...
> > > > > > > I mostly SWL in SSB with this rig and
> When I
> > > > > > > switch it on from cold,
> > > > > > > I have to tune some 200-250 Hz below the
> > > > > > > real frequency to hear
> > > > > > > natural-sounding stations...
> > > > > > >
> > > > > > > I mean, if the station is transmitting
> on
> > > > > > > 28,000.00 KHz, I have to tune in
> 27,999.75 KHz,
> > > > > > > if I want to hear correct audio...
> > > > > > > Problem is that, after some 30Min. in

> > > > > > > Receive mode, the 850 drifts a
> > > > > > > bit, and makes the frequency readout
> almost
> > > > > > > exactly on-the-spot...
>
>
>

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# 1454. qrv 40m also

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 16:10:10 UTC
From: Bill
Topic: 1454  Message: 1454

Also on 7253.5 LSB for Thursday Morn, out cutting some wood so call several times if you don't hear me on. 600 watts, omni ant.

bill

# 1455. Re: [TS-850_450_690] TS-850 "Fine" Tuning?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 16:35:55 UTC
From: Bob Snelgrove
Topic: 1428  Message: 1455

That checks OK. The "Fine" tuning is a different setting, no menu adjustments.

thx

bob

At 07:47 AM 10/30/2003 -0800, you wrote:
>CHECK menu item 05, tuning knob step freq should be
>100 Hz, instead of 10Hz
>
>b
>
>--- Bob Snelgrove <steelgtr@...> wrote:
>> Hi Guys
>>
>> I don't think my "fine" function is working. I push
>> the button and hear the
>> beep, the "fine" lights up in the display but the
>> VFO doesn't change the
>> freq. any slower than when it's not engaged. Could
>> I have missed something?
>>
>> thx
>>
>> bob
>>
>>
>>
>>
>>
>
>
>=====
>
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>
>
>

# 1456. Re: [TS-850_450_690] TS-850 "Fine" Tuning?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 22:46:51 UTC
From: Bill
Topic: 1428  Message: 1456

Agreed, I just checked mine, no effect, fine and norm
is different tuning rates.

Suggest master reset...

b

--- Bob Snelgrove <steelgtr@...> wrote:
> That checks OK. The "Fine" tuning is a different
> setting, no menu adjustments.
>
> thx
>
> bob
>
>
>
> At 07:47 AM 10/30/2003 -0800, you wrote:
> >CHECK menu item 05, tuning knob step freq should be
> >100 Hz, instead of 10Hz
> >
> >b
> >
> >--- Bob Snelgrove <steelgtr@...> wrote:
> >> Hi Guys
> >>
> >> I don't think my "fine" function is working. I
> push
> >> the button and hear the
> >> beep, the "fine" lights up in the display but the
> >> VFO doesn't change the
> >> freq. any slower than when it's not engaged.
> Could
> >> I have missed something?
> >>
> >> thx
> >>
> >> bob
> >>
> >>
> >>
> >>
> >>
> >>
> >
> >
> >=====

> >
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> >
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# 1457. Background Noise?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 22:46:56 UTC
From: Kenneth G. Shutt
Topic: 1428  Message: 1457

Bill, The nb mod has been installed. I didn't do the dc-dc dip socket mod however. Didn't have any parts.

Preliminary results on the nb mod are very encouraging. Today on 20 m I had an s-9 noise level. When the nb was turned on the noise level dropped to s-3. Also, I did not notice any distortion on received ssb signals.

73 de Ken - K5GUU

# 1458. Background Noise?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 22:47:19 UTC
From: Kenneth G. Shutt
Topic: 1428  Message: 1458

Bill, The nb mod has been installed. I didn't do the dc-dc dip socket mod however. Didn't have any parts.

Preliminary results on the nb mod are very encouraging. Today on 20 m I had an s-9 noise level. When the nb was turned on the noise level dropped to s-3. Also, I did not notice any distortion on received ssb signals.

73 de Ken - K5GUU

# 1459. RE: [TS-850_450_690] Background Noise?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 23:02:32 UTC
From: Mario Aviles
Topic: 1428  Message: 1459

Ken:

Great news about the NB modification. Would like to do it myself. Please let us know were we can get the details.

73 de Mario Aviles YS1MAE

-----Mensaje original-----
De: Kenneth G. Shutt [mailto:kgshutt@...]
Enviado el: Jueves, 30 de Octubre de 2003 04:47 p.m.
Para: TS-850_450_690@yahoogroups.com
Asunto: [TS-850_450_690] Background Noise?

Bill, The nb mod has been installed. I didn't do the dc-dc dip socket mod however. Didn't have any parts.

Preliminary results on the nb mod are very encouraging. Today on 20 m I had an s-9 noise level. When the nb was turned on the noise level dropped to s-3. Also, I did not notice any distortion on received ssb signals.

73 de Ken - K5GUU

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<http://rd.yahoo.com/M=259395.3614674.4902533.1261774/D=egroupweb/S=1705063108:HM/A=1524963/R=0/SIG=12o885gmo/*http:/hits.411web.com/cgi-bin/autoredir?camp=556&lineid=3614674?=egroupweb&pos=HM>

<http://us.adserver.yahoo.com/l?M=259395.3614674.4902533.1261774/D=egroupmail/S=:HM/A=1524963/rand=266099194>

THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

# 1460. RE: [Kenwood] TS-850 "Fine" Tuning?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 23:15:04 UTC
From: Bob Snelgrove
Topic: 1460  Message: 1460

Yes

I have it now. Sorry for the confusion!

bob

At 04:11 PM 10/30/2003 -0600, jdraughn wrote:
>Hi Bob,
>The way it should work is that, "Fine" changes the amount of turning it
>takes
>to move the display 1 kKz.
>
>With the "Fine" engaged it should take 1 complete turn of the dial to move 1
>kHz.
>Without "Fine" being engaged it should take 1 turn to move 10 kHz.
>
>Try using the set screw in the tuning knob as a point of reference and set
>the display so it ends in .00 turn the dial 1 turn and see how much the
>display changes. Then engage the "Fine" control and go one turn again while
>watching the display.
>
>If this is not happening there is a problem.
>
>Hope this helps.
>
>Regards,
>Jeff, N0OST
>
>
>
>-----Original Message-----
>From: kenwood-admin@...
>[mailto:kenwood-admin@...]On Behalf Of Bob Snelgrove
>Sent: Thursday, October 30, 2003 1:10 AM
>To: TS-850_450_690@yahoogroups.com
>Cc: kenwood@...
>Subject: [Kenwood] TS-850 "Fine" Tuning?
>
>
>Hi Guys
>
>I don't think my "fine" function is working. I push the button and hear the
>beep, the "fine" lights up in the display but the VFO doesn't change the
>freq. any slower than when it's not engaged. Could I have missed something?
>
>thx

>
>bob
>
>
>
>
>- - -
>
>Your moderator for this list is:
>Larry Wilson KE1HZ kenwood-owner@...
>
>_____
>Kenwood mailing list
>Kenwood@...
>http://mailman.qth.net/mailman/listinfo/kenwood
>
>
>

# 1461. Re: [TS-850_450_690] INFORMAL NET MEETING 40M

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 23:16:55 UTC
From: Bob Snelgrove
Topic: 1402  Message: 1461

Bill

Are we on tonight? (Thursday)

thx

bob

At 04:15 PM 10/28/2003 -0000, you wrote:
>We are going to try an informal "net" meeting tonight (Tues 10/28) at
>0200Z (6PM PST, 9PM EST) on 40M LSB, listen from 7295 and down until
>a somewhat clear frequency is reached. We will not interfere with
>existing nets or QSOs so please be flexible. Listen for "CQ TS-850
>GROUP" or frequent references to the TS-850/450/690/570 radios. I
>will be announcing my callsign often, K0ZL.
>
>My previous post was in error on the Zulu time, let's make it 0200Z
>Wednesday, that's 6PM Tues for the Left coast, and 9PM Tues nite for
>the Right coast. That gives everyone time to get dinner, kiss the
>wife and pet the dog or cat, and for propagation to go nationwide on
>40.
>
>73 all, hope to see you on tonight, God willin and and amp don't fry!
>
>Bill K0ZL
>
>
>
>THANKS FOR USING TS-850_450_690@...
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1462. Re: [TS-850_450_690] INFORMAL NET MEETING 40M

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 23:31:57 UTC
From: Bill
Topic: 1402  Message: 1462

YES.. 0200 z , 6pm pacific, 9pm eastern, 7295 and
down... i will be calling CQ TS-850 group, hopefully
running a little power.

Pray I don't get paged out or something.

73!

bill

--- Bob Snelgrove <steelgtr@...> wrote:
> Bill
>
> Are we on tonight? (Thursday)
>
>
> thx
>
> bob
>
>
>
>
>
>
>
> At 04:15 PM 10/28/2003 -0000, you wrote:
> >We are going to try an informal "net" meeting
> tonight (Tues 10/28) at
> >0200Z (6PM PST, 9PM EST) on 40M LSB, listen from
> 7295 and down until
> >a somewhat clear frequency is reached. We will not
> interfere with
> >existing nets or QSOs so please be flexible.
> Listen for "CQ TS-850
> >GROUP" or frequent references to the
> TS-850/450/690/570 radios. I
> >will be announcing my callsign often, K0ZL.
> >
> >My previous post was in error on the Zulu time,
> let's make it 0200Z
> >Wednesday, that's 6PM Tues for the Left coast, and
> 9PM Tues nite for
> >the Right coast. That gives everyone time to get
> dinner, kiss the
> >wife and pet the dog or cat, and for propagation to

> go nationwide on
> >40.
> >
> >73 all, hope to see you on tonight, God willin and
> and amp don't fry!
> >
> >Bill K0ZL
> >
> >
> >
> >THANKS FOR USING TS-850_450_690@...
> >
> >Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> >
> >
> >
>
>
>

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# 1463. Re: [TS-850_450_690] Re: TS-850 Mars Mod?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 23:33:56 UTC
From: Bill
Topic: 1362  Message: 1463

Bob, D11 is about the only "normal" (non-SMD) diode on
the board... and you just need a #2 Phillips for the
case screws and front panel swivel screws, and a #1
for the board screws.

remember to work barefoot.

I will get picture to the group and to Mods.dk as soon
as I get my beast open again.

b

--- Bob Snelgrove <steelgtr@...> wrote:
> Hi Guys,
>
> Does anyone have a picture of this or the inside of
> the 850?
>
> Does it take a special too for those 8 or 9 little
> screws?
>
>
> thx
>
> bob
>
>
>
>
>
>
> At 09:45 PM 10/25/2003 -0700, you wrote:
> >It's just a regular diode, snip it... not SMD.
> >
> >Thought for sure I had picture of it, but I don't
> yet.
> >
> >bill
> >
> >--- steelgtr_95127 <steelgtr@...> wrote:
> >> Thanks, Guys
> >>
> >> I hope I can just do the "snip" Do you remove it
> or
> >> just clip on
> >> lead?

> >>
> >> Could you post your serial numbers?
> >>
> >> Mine is 4xxxxxxxxxx, if that matters.
> >>
> >> thx!
> >>
> >> bob
> >>
> >>
> >> --- In TS-850_450_690@yahoogroups.com, Zack Widup
> >> <w9sz@p...> wrote:
> >> > Same here. I only removed D11, I didn't
> reinstall
> >> at the D9
> >> position.
> >> >
> >> > I am guessing it varies from model to model.
> >> >
> >> > 73, Zack W9SZ
> >> >
> >> > >
> >> > > Bill,
> >> > > My rig did not need the diode to be
> re-installed
> >> (just removed,)
> >> and I
> >> > > thought you told me that yours did not,
> either.
> >> I'm confused!
> >> > > 73,
> >> > > Paul K4PDM
> >> > >
> >>
> >>
> >>
> >
> >
> >=====
> >
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> >
> >
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> >
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# 1464. Re: 850 Frequency Drift...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 22:45:05 UTC
From: w9goc
Topic: 1391  Message: 1464

Joe,
Since you mentioned having an Icom 706 available to you, can you use the Icom as a substitute for a frequency counter?

A short length of coax with a sniffer loop placed near the XTAL should be able to show you if the crystal is drifting in frequency, without introducing a significant load on the circuit.

I don't know what resources your local radio club has over there, but you may find that a club member DOES have a frequency counter you could borrow for an hour or so to confirm Bill's diagnosis before you try to source a replacement crystal.

Just a thought,

Frederick/W9GOC

# 1465. Re: [TS-850_450_690] Background Noise?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-30 23:59:36 UTC
From: Bill
Topic: 1428  Message: 1465

ok I guess I get the beast out and do it to it, thanks
Ken!

b

--- "Kenneth G. Shutt" <kgshutt@...> wrote:
> Bill, The nb mod has been installed. I didn't do
> the dc-dc dip
> socket mod however. Didn't have any parts.
>
> Preliminary results on the nb mod are very
> encouraging. Today on 20
> m I had an s-9 noise level. When the nb was turned
> on the noise
> level dropped to s-3. Also, I did not notice any
> distortion on
> received ssb signals.
>
> 73 de Ken - K5GUU
>
>

=====

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# 1466. Re: [TS-850_450_690] Background Noise?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-31 00:23:43 UTC
From: Bob Snelgrove
Topic: 1428  Message: 1466

Take lots of pics :)

bob

At 03:59 PM 10/30/2003 -0800, you wrote:
>ok I guess I get the beast out and do it to it, thanks
>Ken!
>
>b
>
>--- "Kenneth G. Shutt" <kgshutt@...> wrote:
>> Bill, The nb mod has been installed. I didn't do
>> the dc-dc dip
>> socket mod however. Didn't have any parts.
>>
>> Preliminary results on the nb mod are very
>> encouraging. Today on 20
>> m I had an s-9 noise level. When the nb was turned
>> on the noise
>> level dropped to s-3. Also, I did not notice any
>> distortion on
>> received ssb signals.
>>
>> 73 de Ken - K5GUU
>>
>>
>
>
>=====
>
>see our website www.amateur-repairs.com
>
>
>_____________________________________
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>
>

# 1467. on the air NOW

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-31 01:19:34 UTC
From: Bill
Topic: 1467  Message: 1467

OK GUYS...

I AM ON 7297.5 AND IT'S PRETTY CLEAR, WILL BE LISTENING THERE, UP A BIT FROM 7295 (THERE IS A TRIVIA NET ON 7294 AT 0200Z).

BILL K0ZL

# 1468. Re: [TS-850_450_690] Background Noise?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-31 13:43:26 UTC
From: kgshutt
Topic: 1428  Message: 1468

Mario,

See the mod on www.mods.dk. A circuit board photo is included which is very helpful in identifing the proper traces to cut.

73 de Ken - K5GUU

----- Original Message -----
From: Mario Aviles
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, October 30, 2003 5:02 PM
Subject: RE: [TS-850_450_690] Background Noise?

Ken:

Great news about the NB modification. Would like to do it myself. Please let us know were we can get the details.

73 de Mario Aviles YS1MAE

-----Mensaje original-----
De: Kenneth G. Shutt [mailto:kgshutt@...]
Enviado el: Jueves, 30 de Octubre de 2003 04:47 p.m.
Para: TS-850_450_690@yahoogroups.com
Asunto: [TS-850_450_690] Background Noise?

Bill, The nb mod has been installed. I didn't do the dc-dc dip socket mod however. Didn't have any parts.

Preliminary results on the nb mod are very encouraging. Today on 20 m I had an s-9 noise level. When the nb was turned on the noise level dropped to s-3. Also, I did not notice any distortion on received ssb signals.

73 de Ken - K5GUU

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<http://rd.yahoo.com/M=259395.3614674.4902533.1261774/D=egroupweb/S=1705063108:HM/A=1524963/R=0/SIG=12o885gmo/*http:/hits.411web.com/cgi-bin/autoredir?camp=556&lineid=3614674?=egroupweb&pos=HM>

<http://us.adserver.yahoo.com/l?M=259395.3614674.4902533.1261774/D=egroupmail/S=:HM/A=1524963/rand=266099194>

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# 1469. Thurs on-air meet

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-31 13:45:55 UTC
From: Bill
Topic: 1469  Message: 1469

Went pretty well! 9 checkins including yers truly. Half were not aware of the group. Had TS850 times two, TS-690S, IC-746 PRO, FT-100D mobile in SOCAL, IC-756PRO and forget what JD was runnin.

Here's the kicker: Al, K5JLB checked in with his legendary Collins "Gold Dust Twins"... a KWS1 and 75A4 that was one of only three that belonged to Art Collins. Talk about a fine sounding transmitter! Barefoot at nearly 1000 watts! I guess QRP really is a state of mind isn't it. But Al sounded great and it was a real pleasure to hear that rare transmitter on the air.

As expected, 40M was perfectly clear up until meeting time. Turns out there is a "trivia net" on 7294 at 0200Z! So we had to move up to 7297.5. That worked real well, but there is a bunch of guys that meet on 7298 around 0200 that have been there for years.

I don't want to interfere with ongoing groups or nets, so what we will do is meet earlier, at 7297.5 around 0100-0130Z. Lets try that next Tuesday and see what happens.

Anyone want to spearhead another band/meeting? 17M might be a good choice and that would give me good excuse to get an antenna up.

Thanks to all who checked in, and to those who missed out.. ya missed out! But there's always next week! We will also have activity nights or weekend/holiday activity days, announced on short notice... those are fun!

73 all!

Bill K0ZL

Bill

# 1470. Re: [TS-850_450_690] Thurs on-air meet

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-31 14:27:44 UTC
From: Bob Snelgrove
Topic: 1469  Message: 1470

That was cool to hear you guys. With just a RS Discone scanner antenna on the roof, I could hear everyone in San Jose. This was all at S "0" but I guess that says a lot about the 850??!!!

bob

At 01:45 PM 10/31/2003 -0000, you wrote:
>Went pretty well! 9 checkins including yers truly. Half were not
>aware of the group. Had TS850 times two, TS-690S, IC-746 PRO, FT-100D
>mobile in SOCAL, IC-756PRO and forget what JD was runnin.
>
>Here's the kicker: Al, K5JLB checked in with his legendary
>Collins "Gold Dust Twins"... a KWS1 and 75A4 that was one of only
>three that belonged to Art Collins. Talk about a fine sounding
>transmitter! Barefoot at nearly 1000 watts! I guess QRP really is a
>state of mind isn't it. But Al sounded great and it was a real
>pleasure to hear that rare transmitter on the air.
>
>As expected, 40M was perfectly clear up until meeting time. Turns
>out there is a "trivia net" on 7294 at 0200Z! So we had to move up
>to 7297.5. That worked real well, but there is a bunch of guys that
>meet on 7298 around 0200 that have been there for years.
>
>I don't want to interfere with ongoing groups or nets, so what we
>will do is meet earlier, at 7297.5 around 0100-0130Z. Lets try that
>next Tuesday and see what happens.
>
>Anyone want to spearhead another band/meeting? 17M might be a good
>choice and that would give me good excuse to get an antenna up.
>
>Thanks to all who checked in, and to those who missed out.. ya missed
>out! But there's always next week! We will also have activity
>nights or weekend/holiday activity days, announced on short notice...
>those are fun!
>
>73 all!
>
>Bill K0ZL
>
>
>Bill
>
>
>
>THANKS FOR USING TS-850_450_690@...

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# 1471. Re: [TS-850_450_690] Thurs on-air meet

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-31 20:53:52 UTC
From: Bill
Topic: 1469  Message: 1471

Discones are OK for HF listening because they are not grounded.. basically a coathanger! But hey... got the RX job done. Can't wait for you to get that ticket and join us! hi...

What did you think of Al and his "Gold Dust Twins"?

bill

--- Bob Snelgrove <steelgtr@...> wrote:
> That was cool to hear you guys. With just a RS
> Discone scanner antenna on
> the roof, I could hear everyone in San Jose. This
> was all at S "0" but I
> guess that says a lot about the 850??!!!
>
>
> bob
>
>
>
> At 01:45 PM 10/31/2003 -0000, you wrote:
> >Went pretty well! 9 checkins including yers truly.
> Half were not
> >aware of the group. Had TS850 times two, TS-690S,
> IC-746 PRO, FT-100D
> >mobile in SOCAL, IC-756PRO and forget what JD was
> runnin.
> >
> >Here's the kicker: Al, K5JLB checked in with his
> legendary
> >Collins "Gold Dust Twins"... a KWS1 and 75A4 that
> was one of only
> >three that belonged to Art Collins. Talk about a
> fine sounding
> >transmitter! Barefoot at nearly 1000 watts! I
> guess QRP really is a
> >state of mind isn't it. But Al sounded great and
> it was a real
> >pleasure to hear that rare transmitter on the air.
> >
> >As expected, 40M was perfectly clear up until
> meeting time. Turns
> >out there is a "trivia net" on 7294 at 0200Z! So
> we had to move up
> >to 7297.5. That worked real well, but there is a

> bunch of guys that
> >meet on 7298 around 0200 that have been there for
> years.
> >
> >I don't want to interfere with ongoing groups or
> nets, so what we
> >will do is meet earlier, at 7297.5 around
> 0100-0130Z. Lets try that
> >next Tuesday and see what happens.
> >
> >Anyone want to spearhead another band/meeting? 17M
> might be a good
> >choice and that would give me good excuse to get an
> antenna up.
> >
> >Thanks to all who checked in, and to those who
> missed out.. ya missed
> >out! But there's always next week! We will also
> have activity
> >nights or weekend/holiday activity days, announced
> on short notice...
> >those are fun!
> >
> >73 all!
> >
> >Bill K0ZL
> >
> >
> >Bill
> >
> >
> >
> >THANKS FOR USING TS-850_450_690@...
> >
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# 1472. R: [TS-850_450_690] Re: 850 Frequency Drift...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-10-31 22:34:17 UTC
From: Joe, 1AT642
Topic: 1391  Message: 1472

Hi Frederick,

Thank you for your suggestions... The idea of using the 706 as a
Frequency counter may well work... I'm gonna try as soon as I get a
couple hours free...

For the second suggestion... Sorry, No local Radio Club here... And no
fellow HAM with a Frequency Counter :-(

Thanks again!

73 de Joe, IW7ECJ

> -----Messaggio originale-----
> Da: w9goc [mailto:w9goc@arrl.net]
> Inviato: giovedì 30 ottobre 2003 23.45
> A: TS-850_450_690@yahoogroups.com
> Oggetto: [TS-850_450_690] Re: 850 Frequency Drift...
>
>
> Joe,
> Since you mentioned having an Icom 706 available to you, can you use
> the Icom as a substitute for a frequency counter?
>
> A short length of coax with a sniffer loop placed near the XTAL
> should be able to show you if the crystal is drifting in frequency,
> without introducing a significant load on the circuit.
>
> I don't know what resources your local radio club has over there,
> but you may find that a club member DOES have a frequency counter you
> could borrow for an hour or so to confirm Bill's diagnosis before you
> try to source a replacement crystal.
>
> Just a thought,
>
> Frederick/W9GOC

# 1473. Looking For PS?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-01 17:03:55 UTC
From: Bob Snelgrove
Topic: 1473  Message: 1473

Hi Guys

Anyone have a decent PS lying around that they are not using? I'm looking on ebay but thought I'd ask here too :)

thx

bob

# 1474. Re: [TS-850_450_690] LB1745 DRIVER FILTER UNIT RELAYS

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-01 17:14:22 UTC
From: kgshutt
Topic: 1378  Message: 1474

Bill, do you have any of the LB1745 drivers available? Is it to late to add one to your order for me?

73 de Ken - K5GUU

----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, October 25, 2003 1:24 PM
Subject: [TS-850_450_690] LB1745 DRIVER FILTER UNIT RELAYS

OK on the M54581P DRIVER ic for the relays on the filter unit, The
sub for this is LB1745, from East Coast or Pacific Coast parts, about
7-8 bucks. I am going to order some, if anyone wants me to add to
the order let me know.

73,

Bill K0ZL

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# 1475. Re: [TS-850_450_690] LB1745 DRIVER FILTER UNIT RELAYS

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-01 17:18:42 UTC
From: Bill
Topic: 1378  Message: 1475

sure I can put one in my next order for you. In a
hurry?

bill

--- kgshutt <kgshutt@...> wrote:
> Bill, do you have any of the LB1745 drivers
> available? Is it to late to add one to your order
> for me?
>
> 73 de Ken - K5GUU
>
> ----- Original Message -----
> From: Bill
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, October 25, 2003 1:24 PM
> Subject: [TS-850_450_690] LB1745 DRIVER FILTER
> UNIT RELAYS
>
>
> OK on the M54581P DRIVER ic for the relays on the
> filter unit, The
> sub for this is LB1745, from East Coast or Pacific
> Coast parts, about
> 7-8 bucks. I am going to order some, if anyone
> wants me to add to
> the order let me know.
>
> 73,
>
> Bill K0ZL
>
>
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# 1476. Re: [TS-850_450_690] Looking For PS?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-01 17:18:02 UTC
From: Bill
Topic: 1473  Message: 1476

Alinco adjustable 30 amps, linear, bad current meter,
voltmeter works OK, 40 bux plus 10 shipping

b

--- Bob Snelgrove <steelgtr@...> wrote:
> Hi Guys
>
> Anyone have a decent PS lying around that they are
> not using? I'm looking
> on ebay but thought I'd ask here too :)
>
> thx
>
> bob
>
>
>

=====

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# 1477. TS-570 Opinions?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-01 17:20:42 UTC
From: Bob Snelgrove
Topic: 1477  Message: 1477

Hi Gang

I love this 850 but it's really big for my limited space. I had thought about a 570 before this 850 came up on ebay.

Would a 570 be a real step backwards or is it a decent rig?

thx

bob

# 1478. Re: [TS-850_450_690] TS-570 Opinions?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-01 17:24:30 UTC
From: Bill
Topic: 1477  Message: 1478

Keep eye out for TS-450 or TS-690, that last will give
you 6M.

The 570 is a fine rig, have not heard of any problems
with it yet. I think there is a 570 group on yahoo.

b

--- Bob Snelgrove <steelgtr@...> wrote:
> Hi Gang
>
> I love this 850 but it's really big for my limited
> space. I had thought
> about a 570 before this 850 came up on ebay.
>
> Would a 570 be a real step backwards or is it a
> decent rig?
>
>
> thx
>
> bob
>
>
>
>

=====

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# 1479. Re: [TS-850_450_690] TS-570 Opinions?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-01 17:36:02 UTC
From: Bob Snelgrove
Topic: 1477  Message: 1479

Thanks, Bill

That 690 looks exactly like a 450. Is the 6m the only diff?

thx

bob

At 09:24 AM 11/1/2003 -0800, you wrote:
>Keep eye out for TS-450 or TS-690, that last will give
>you 6M.
>
>The 570 is a fine rig, have not heard of any problems
>with it yet. I think there is a 570 group on yahoo.
>
>b
>
>--- Bob Snelgrove <steelgtr@...> wrote:
>> Hi Gang
>>
>> I love this 850 but it's really big for my limited
>> space. I had thought
>> about a 570 before this 850 came up on ebay.
>>
>> Would a 570 be a real step backwards or is it a
>> decent rig?
>>
>>
>> thx
>>
>> bob
>>
>>
>>
>>
>
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>=====
>
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>
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>
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>
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>
>
>

# 1480. Re: [TS-850_450_690] TS-570 Opinions?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-01 17:42:00 UTC
From: Bill
Topic: 1477  Message: 1480

YEP. I am on yahoo chat for a few more minutes...

b

--- Bob Snelgrove <steelgtr@...> wrote:
> Thanks, Bill
>
> That 690 looks exactly like a 450. Is the 6m the
> only diff?
>
> thx
>
> bob
>
>
>
>
> At 09:24 AM 11/1/2003 -0800, you wrote:
> >Keep eye out for TS-450 or TS-690, that last will
> give
> >you 6M.
> >
> >The 570 is a fine rig, have not heard of any
> problems
> >with it yet. I think there is a 570 group on
> yahoo.
> >
> >b
> >
> >--- Bob Snelgrove <steelgtr@...> wrote:
> >> Hi Gang
> >>
> >> I love this 850 but it's really big for my
> limited
> >> space. I had thought
> >> about a 570 before this 850 came up on ebay.
> >>
> >> Would a 570 be a real step backwards or is it a
> >> decent rig?
> >>
> >>
> >> thx
> >>
> >> bob
> >>

> >>
> >>
> >>
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> >
> >=====
> >
> >see our website www.amateur-repairs.com
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> >
> >_________________________________
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# 1481. Re: [TS-850_450_690] LB1745 DRIVER FILTER UNIT RELAYS

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-01 18:08:37 UTC
From: kgshutt
Topic: 1378  Message: 1481

Bill, no great hurry here. I am off the air on 80m and 40m until I get the 850 repaired but I don't mind waiting.

Ken

----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Cc: bbtech1@...
Sent: Saturday, November 01, 2003 11:18 AM
Subject: Re: [TS-850_450_690] LB1745 DRIVER FILTER UNIT RELAYS

sure I can put one in my next order for you. In a
hurry?

bill

--- kgshutt <kgshutt@...> wrote:
> Bill, do you have any of the LB1745 drivers
> available? Is it to late to add one to your order
> for me?
>
> 73 de Ken - K5GUU
>
> ----- Original Message -----
> From: Bill
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, October 25, 2003 1:24 PM
> Subject: [TS-850_450_690] LB1745 DRIVER FILTER
> UNIT RELAYS
>
>
> OK on the M54581P DRIVER ic for the relays on the
> filter unit, The
> sub for this is LB1745, from East Coast or Pacific
> Coast parts, about
> 7-8 bucks. I am going to order some, if anyone
> wants me to add to
> the order let me know.
>
> 73,
>
> Bill K0ZL
>
>
>

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>
>
> THANKS FOR USING TS-850_450_690@...
>
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>
>
> [Non-text portions of this message have been
> removed]
>
>

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[Non-text portions of this message have been removed]

# 1482. Kenwood TS-850V/AT on ebay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-01 18:19:17 UTC
From: vtnn43e48073
Topic: 1482  Message: 1482

I was looking around ebay today and searched for QRP items. The higest priced QRP item right now is a Kenwood TS-850V/AT. Says that the power output is limited to 10 watts and that it was made just for Japan. Why would a rig like this be made when you can just turn down the power on a TS-850 to make it 10 watts or less?

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3055521502&category=40067

73
Zack
N8FNR

# 1483. Re: [TS-850_450_690] Kenwood TS-850V/AT on ebay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-01 19:43:16 UTC
From: Bill
Topic: 1482  Message: 1483

More efficient to not have the finals in there sucking
600mA of bias current in TX; also perhaps legal
requirements of the license class.

That would drop the quiescent current draw in SSB
transmit from 2.2 amps to 1.6, big savings if you are
on solar power or batts.

That would be a primo QRP radio by the way.

b

--- vtnn43e48073 <vtnn43e@...> wrote:
> I was looking around ebay today and searched for QRP
> items. The
> higest priced QRP item right now is a Kenwood
> TS-850V/AT. Says that
> the power output is limited to 10 watts and that it
> was made just for
> Japan. Why would a rig like this be made when you
> can just turn down
> the power on a TS-850 to make it 10 watts or less?
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?
> ViewItem&item=3055521502&category=40067
>
> 73
> Zack
> N8FNR
>
>

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# 1484. R: [TS-850_450_690] Re: 850 Frequency Drift...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-02 23:50:49 UTC
From: Joe, 1AT642
Topic: 1391  Message: 1484

Hello' Bill and others...

Back with my drift problem :-(

Just would like to know what is the claimed stability for the 850...

Manual says it' +/- 10ppm but... WHAT does this mean???

Grateful for any help...

73 de Joe IW7ECJ

> -----Messaggio originale-----
> Da: Bill [mailto:coorsbill@...]
> Inviato: giovedì 30 ottobre 2003 16.51
> A: TS-850_450_690@yahoogroups.com
> Oggetto: Re: [TS-850_450_690] Re: 850 Frequency Drift...
>
>
> I really think you have a bad master osc crystal, as I
> described below.. I would change it, or put in the so-2 option.
>
> bill
> --- Joe <joe_1at642@...> wrote:
> > Hi Bill, Hi all reading this...
> >
> > Sorry to bore you all with this problem of mine, but
> > this
> > Group has proven to be a great source of knowledge,
> > and I
> > really don't know where else I can place my
> > questions...
> >
> > So, again, a BIG "Thank You!!!" for undergoing the
> > pain to
> > read my messages and, eventually, replying them...
> >
> > OK... to summarize...
> >
> > I have an 850 that has serial in the 4XXXXXX range
> > that
> > I use mostly to SWL in SSB on 10mt due to aerial
> > restrictions
> >
> > When I switch it on from cold (Room Temp... 24 C),
> > I have to tune some 250 Hz below the real frequency

> > to hear
> > natural-sounding stations...
> >
> > I've made some tests last night with a friend
> > transmitting QRP
> > on 28,000.00 KHz, and I had to tune in 27,999.75
> > KHz, to hear
> > his voice sound natural enough. RIT/XIT were OFF.
> >
> > I also compared the audio to a new IC706MKII-G I
> > have recently
> > acquired, and result was consistently the same: 250
> > Hz BELOW
> > desired QRG. Not to tell that the Icom is
> > on-the-spot, but it
> > seems to me to be working fine.
> >
> > After some 30Min. in Receive mode, the 850 drifts
> > quite a
> > bit, and makes the frequency readout almost exactly
> > on-the-spot...
> >
> > I have no Frequency Counter here to check the Master Oscillator, and
> > I can rely only on what I listen on the air...
> >
> > Also, I have tried many times to tune-in WWWV on 10
> > MHz or 15 MHz,
> > but haven't had any luck so far, because on those
> > frequencies I
> > ALWAYS have the Chinese station "BPM", whose
> > transmitting schedule
> > is unknown to me...
> >
> > I'm not that picky about my QRG being EXACTLY on the
> > spot... after
> > all I don't plan any MARS/CAP affiliation ;-)
> >
> > It would suffice to me to have limited drift and
> > reasonably
> > natural-sounding voices when tuning on their
> > (supposed) QRG
> >
> > OK... hope that this description is accurate enough
> > to give you
> > something to work-on.
> >
> > Thanks for your time Bill...
> >
> > Joe IW7ECJ Bari - Italy
> >

> > > OK Joe tell us again, where does it start out, and
> > > where does it end up? Please give frequency
> > readout
> > > to the nearest tens of hertz.
> > >
> > > Also how are you determining zero beat?
> > >
> > > Bill
> > >
> > > > Joe <joe_1at642@l...> wrote:
> > > > Hi again Bill...
> > > >
> > > > So it is a "normal" crystal???
> > > >
> > > > Any info on sources for this item?
> > > >
> > > > A search on google yeld no useable result...
> > > >
> > > > Also, please, can you (...or anybody else
> > reading
> > > > this) tell me where I can find, on the internet
> > a
> > > > complete service manual, or at least the circuit
> > > > portion that > contains the master oscillator?
> > > >
> > > > Before ordering a crystal (given that I can find
> > > > one...), I would like to the circuit to see if
> > > > there is something else that can cause so big a
> > drift...
> > > >
> > > > Thanks for your patience, Bill and all list...
> > > >
> > > > 73 de Joe IW7ECJ
> > > >
> > > > > In TS-850_450_690@yahoogroups.com, "Bill" <coorsbill@y...>
> > > > > wrote: Hi Joe,
> > > > >
> > > > > the crystal is L77-0963-05, or replace it with
> > the
> > > > > SO2 option.
> > > > >
> > > > > b
> > > > >
> > > > > > In TS-850_450_690@yahoogroups.com, "Joe" <joe_1at642@l...>
> > > > > > wrote:
> > > > > > Hello' Bill... thanks a lot for you reply...
> > > > > >
> > > > > > 18Hz drift from cold start is very good,
> > IMHO,
> > > > > > and I wish I had the same :-(

> > > > > >
> > > > > > So, If I have indeed a bad Crystal, what can
> > I
> > > > > > do?
> > > > > > >
> > > > > > Does any body know what kind of Xtal is?
> > > > > > Is it a Xtal, or an oscillator?
> > > > > > Any Kenwood P/N for this component? Is it
> > > > > > replaceable with something
> > > > > > else NOT from Kenwood?
> > > > > > The TCXO is hard to find, not to mention the
> > > > > > price, but is there any
> > > > > > viable alternative to the original unit? Or
> > is
> > > > > > there anybody selling the TCXO?
> > > > > > >
> > > > > > Also, I remember reading something about
> > someone
> > > > > > using industrial TCXO for this purpose...
> > any info?
> > > > > > >
> > > > > > Also, out of curiosity, does the TCXO option
> > sit
> > > > > > beside the original oscillator, or the TCXO
> > replaces it?
> > > > > > >
> > > > > > Sorry for the fire of questions, but I would
> > > > > > like to get somenthing
> > > > > > to fix my rig...
> > > > > > >
> > > > > > Thanks everybody... thanks Bill!
> > > > > > >
> > > > > > 73 de IW7ECJ, Joe
> > > > > > >
> > > > > > > In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...>
> > > > > > > wrote: mine only drifts 18 hz from "cool" start
> > (65
> > > > > > > deg) to warm, whatever that is (72 I
> > think)... Sounds
> > > > > > > like you may have a bad crystal there.
> > > > > > > >
> > > > > > > >
> > > > > > > > Joe <joe_1at642@l...> wrote:
> > > > > > > > Here's Joe, IW7ECJ asking for help...
> > > > > > > > >
> > > > > > > > >
> > > > > > > > I have an 850 that I have recently
> > bought
> > > > > > > > second-hand... its serial
> > > > > > > > is in the 4XXXXXX range...

> > > > > > > > I mostly SWL in SSB with this rig and
> > When I
> > > > > > > > > switch it on from cold,
> > > > > > > > > I have to tune some 200-250 Hz below the
> > > > > > > > > real frequency to hear
> > > > > > > > > natural-sounding stations...
> > > > > > > > >
> > > > > > > > > I mean, if the station is transmitting
> > on
> > > > > > > > > 28,000.00 KHz, I have to tune in
> > 27,999.75 KHz,
> > > > > > > > > if I want to hear correct audio...
> > > > > > > > > Problem is that, after some 30Min. in
> > > > > > > > > Receive mode, the 850 drifts a
> > > > > > > > > bit, and makes the frequency readout
> > almost
> > > > > > > > > exactly on-the-spot...
> >
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>
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>
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# 1485. Re: [TS-850_450_690] Re: 850 Frequency Drift...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-03 02:45:14 UTC
From: kgshutt
Topic: 1391  Message: 1485

+/- 10 ppm at 28mhz is +/- 280 hz

Ken
----- Original Message -----
From: Joe, 1AT642
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, November 02, 2003 5:50 PM
Subject: R: [TS-850_450_690] Re: 850 Frequency Drift...

Hello' Bill and others...

Back with my drift problem :-(

Just would like to know what is the claimed stability for the 850...

Manual says it' +/- 10ppm but... WHAT does this mean???

Grateful for any help...

73 de Joe IW7ECJ

> -----Messaggio originale-----
> Da: Bill [mailto:coorsbill@...]
> Inviato: giovedì 30 ottobre 2003 16.51
> A: TS-850_450_690@yahoogroups.com
> Oggetto: Re: [TS-850_450_690] Re: 850 Frequency Drift...
>
>
> I really think you have a bad master osc crystal, as I
> described below.. I would change it, or put in the so-2 option.
>
> bill
> --- Joe <joe_1at642@...> wrote:
> > Hi Bill, Hi all reading this...
> >
> > Sorry to bore you all with this problem of mine, but
> > this
> > Group has proven to be a great source of knowledge,
> > and I
> > really don't know where else I can place my
> > questions...
> >
> > So, again, a BIG "Thank You!!!" for undergoing the
> > pain to
> > read my messages and, eventually, replying them...
> >
> > OK... to summarize...

> >
> > I have an 850 that has serial in the 4XXXXXX range
> > that
> > I use mostly to SWL in SSB on 10mt due to aerial
> > restrictions
> >
> > When I switch it on from cold (Room Temp... 24 C),
> > I have to tune some 250 Hz below the real frequency
> > to hear
> > natural-sounding stations...
> >
> > I've made some tests last night with a friend
> > transmitting QRP
> > on 28,000.00 KHz, and I had to tune in 27,999.75
> > KHz, to hear
> > his voice sound natural enough. RIT/XIT were OFF.
> >
> > I also compared the audio to a new IC706MKII-G I
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> > acquired, and result was consistently the same: 250
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> > After some 30Min. in Receive mode, the 850 drifts
> > quite a
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> >
> > I have no Frequency Counter here to check the Master Oscillator, and
> > I can rely only on what I listen on the air...
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> > Also, I have tried many times to tune-in WWWV on 10
> > MHz or 15 MHz,
> > but haven't had any luck so far, because on those
> > frequencies I
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> > OK... hope that this description is accurate enough
> > to give you
> > something to work-on.
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> > Thanks for your time Bill...
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> > Joe IW7ECJ Bari - Italy
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> > > OK Joe tell us again, where does it start out, and
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> > > Also how are you determining zero beat?
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> > > Bill
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> > > > Hi again Bill...
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> > > >
> > > > Any info on sources for this item?
> > > >
> > > > A search on google yeld no useable result...
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> > > > portion that > contains the master oscillator?
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> > > > Before ordering a crystal (given that I can find
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> > > > > b

> > > > >
> > > > > > In TS-850_450_690@yahoogroups.com, "Joe" <joe_1at642@l...>
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> > > > > > Does any body know what kind of Xtal is?
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> > > > > > Any Kenwood P/N for this component? Is it
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> > > > > > there anybody selling the TCXO?
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> > any info?
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> > > > > > Sorry for the fire of questions, but I would
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> > > > > > 73 de IW7ECJ, Joe
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> > > > > > > In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...>
> > > > > > > wrote: mine only drifts 18 hz from "cool" start
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> > > > > > > > > Problem is that, after some 30Min. in
> > > > > > > > > Receive mode, the 850 drifts a
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> > > > > > > > > exactly on-the-spot...
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> >
> >
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> > --------~->
> >

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[Non-text portions of this message have been removed]

# 1486. Re: 850 Frequency Drift...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-03 09:45:10 UTC
From: Joe
Topic: 1391  Message: 1486

Hi Ken...

Thanks for your reply...

> +/- 10 ppm at 28mhz is +/- 280 hz

OK... this is easy... 10 parts per million sum-up to 280 Hz @ 28MHz...

But to what temp range is this referred?

I have my 850 drifting some 250Hz in the first 30 Minutes from power-up from cold... is this within specs?

It seems too much to me, and what other users say me on this group indicate that a 20-25 Hz drift from cold is the average...

Before going out and look for an expensive replacement for the xtal, I would like to understand a bit more.

Thanks a lot again

73 de Joe IW7ECJ

>
> Ken

> ----- Original Message -----
> From: Joe, 1AT642
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, November 02, 2003 5:50 PM
> Subject: R: [TS-850_450_690] Re: 850 Frequency Drift...
>
>
> Hello' Bill and others...
>
> Back with my drift problem :-(
>
> Just would like to know what is the claimed stability for the 850...
>
> Manual says it' +/- 10ppm but... WHAT does this mean???
>
> Grateful for any help...
>
> 73 de Joe IW7ECJ
>
> > -----Messaggio originale-----
> > Da: Bill [mailto:coorsbill@y...]

> > Inviato: giovedì 30 ottobre 2003 16.51
> > A: TS-850_450_690@yahoogroups.com
> > Oggetto: Re: [TS-850_450_690] Re: 850 Frequency Drift...
> >
> >
> > I really think you have a bad master osc crystal, as I
> > described below.. I would change it, or put in the so-2 option.

# 1487. Re: R: [TS-850_450_690] Re: 850 Frequency Drift...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-03 13:33:23 UTC
From: Bill
Topic: 1391  Message: 1487

Easy question. 10ppm means 10 parts per million.

or 10 hz per megahertz.

As you go up in frequency, the percentage error range stays the same, but the error in hertz goes up.

if it's 10 hz at 1 megahertz, it's 20 hz at 2 megahertz.

or 300hz at 30 Mhz.

BUT.. and that's a big butt... That presumes that you are MULTIPLYING to get to 30 Mhz, as in the old days.

We don't multiply much anymore. Except in the case of the 850, hi!

Your 20mhz rock is multiplied by three to come up with 60Mhz...this is your REFERENCE frequency.

so if the base error is 10ppm, you are looking at 600 hz possible drift at 60Mhz, which will translate to 600 hz possible drift on any band at any time. Any mode also.

HOWEVER... experience has shown me that we should see much less than 100Hz drift over time on or about 20 meters (or wherever... I check mine against WWV at 5.00000000000 Mhz, and at 60 degrees F it starts out 18 hz low, then moves to within 2hz at warm up and stays there; acts very much like it has the SO2 but it doesn't.

If you would like, I can check to see if we can get a high-stability rock from ICM... it will not be cheap.

I think your best deal is to bite the bullet and buy the SO2.

bill
--- "Joe, 1AT642" <joe_1at642@...> wrote:
> Hello' Bill and others...
>
> Back with my drift problem :-(
>
> Just would like to know what is the claimed
> stability for the 850...

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> mean???
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> 73 de Joe IW7ECJ
>
> > -----Messaggio originale-----
> > Da: Bill [mailto:coorsbill@...]
> > Inviato: gioved? 30 ottobre 2003 16.51
> > A: TS-850_450_690@yahoogroups.com
> > Oggetto: Re: [TS-850_450_690] Re: 850 Frequency
> Drift...
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> > > Sorry to bore you all with this problem of mine,
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> > > and I
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> > > questions...
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> > > So, again, a BIG "Thank You!!!" for undergoing
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> > > read my messages and, eventually, replying
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> > > OK... to summarize...
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> > > I have an 850 that has serial in the 4XXXXXX
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> > > on-the-spot...
> > >
> > > I have no Frequency Counter here to check the
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> > > I can rely only on what I listen on the air...
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> > > Also, I have tried many times to tune-in WWWV on
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> > > but haven't had any luck so far, because on
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> > > I'm not that picky about my QRG being EXACTLY on
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> > > all I don't plan any MARS/CAP affiliation ;-)
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> > > It would suffice to me to have limited drift and
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> > > (supposed) QRG
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> > > OK... hope that this description is accurate
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> > > Thanks for your time Bill...
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> > > > Also how are you determining zero beat?
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> > > > Bill
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> > > > > Joe <joe_1at642@l...> wrote:
> > > > > Hi again Bill...
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> > > > > So it is a "normal" crystal???
> > > > >
> > > > > Any info on sources for this item?
> > > > >
> > > > > A search on google yeld no useable result...
> > > > >
> > > > > Also, please, can you (...or anybody else
> > > reading
> > > > > this) tell me where I can find, on the
> internet
> > > a
> > > > > complete service manual, or at least the
> circuit
> > > > > portion that > contains the master
> oscillator?
> > > > >
> > > > > Before ordering a crystal (given that I can
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> > > > > one...), I would like to the circuit to see
> if
> > > > > there is something else that can cause so
> big a
> > > drift...
> > > > >
> > > > > Thanks for your patience, Bill and all
> list...

> > > > >
> > > > > 73 de Joe IW7ECJ
> > > > >
> > > > > > In TS-850_450_690@yahoogroups.com, "Bill"
> <coorsbill@y...>
> > > > > > wrote: Hi Joe,
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> > > > > > the crystal is L77-0963-05, or replace it
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> > > > > > b
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> > > > > > > price, but is there any
> > > > > > > viable alternative to the original unit?
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> > > is
> > > > > > > there anybody selling the TCXO?
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> > > > > > > Also, I remember reading something about
> > > someone
>
=== message truncated ===

=====

see our website www.amateur-repairs.com

---
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http://launch.yahoo.com/promos/britneyspears/

# 1488. Re: [TS-850_450_690] Re: 850 Frequency Drift...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-03 20:49:27 UTC
From: kgshutt
Topic: 1391  Message: 1488

Joe,

It sounds like the drift is in spec but considerably more than typical. I don't notice any significant drift on my 850 during warm up. On the other hand, I have not tried to measure it either. A good way to check is zero beat wwv when the radio is first turned on and check it later after warm up. It sounds like your problem is related to the crystal. A replacment should cost around $20.

GL

Ken - K5GUU

----- Original Message -----
From: Joe
To: TS-850_450_690@yahoogroups.com
Sent: Monday, November 03, 2003 3:45 AM
Subject: [TS-850_450_690] Re: 850 Frequency Drift...

Hi Ken...

Thanks for your reply...

> +/- 10 ppm at 28mhz is +/- 280 hz

OK... this is easy... 10 parts per million sum-up to 280 Hz @ 28MHz...

But to what temp range is this referred?

I have my 850 drifting some 250Hz in the first 30 Minutes from power-up from cold... is this within specs?

It seems too much to me, and what other users say me on this group indicate that a 20-25 Hz drift from cold is the average...

Before going out and look for an expensive replacement for the xtal, I would like to understand a bit more.

Thanks a lot again

73 de Joe IW7ECJ

>
> Ken

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> From: Joe, 1AT642
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, November 02, 2003 5:50 PM
> Subject: R: [TS-850_450_690] Re: 850 Frequency Drift...

>
>
> Hello' Bill and others...
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> Back with my drift problem :-(
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> 73 de Joe IW7ECJ
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> > -----Messaggio originale-----
> > Da: Bill [mailto:coorsbill@y...]
> > Inviato: giovedì 30 ottobre 2003 16.51
> > A: TS-850_450_690@yahoogroups.com
> > Oggetto: Re: [TS-850_450_690] Re: 850 Frequency Drift...
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> > I really think you have a bad master osc crystal, as I
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[Non-text portions of this message have been removed]

# 1489. Re: 850 Frequency Drift...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-03 23:10:45 UTC
From: Joe, 1AT642
Topic: 1391  Message: 1489

Hello' Bill, Ken and others...

Thanks for the replies once more... Hopefully, as soon as I gather some more info, and I decide which way to go, I'll stop bother you all with my drift troubles...

Bill, thanks for a detailed explanation you gave me...

So... My 850 is drifting more than average... It could be worse (...up to 600Hz, right Bill?) but it's far from being negligible...

I've researched a bit in the internet, and found that a TCXO here in Italy would cost UP TO 219 Euro !!! While the replacement 20MHz Xtal seems to be available only from East Parts and priced 35$ in both cases, shipping costs are to be added...

Bill, this is already expensive so, what's the ICM alternative you are talking about??? Digging in the Internet, I have found ICM's website, (...along with an outstandingly-good record of comments from customers that used their Xtals in RTX (TenTec, Icom, Kenwood...)) but I actually don't know what kind or shape of Xtal I should look for...

And, while we are at that, do you know what case/enclosure is the original Xtal in the 850? I haven't taken the beast apart yet, and I'm travelling these days, so I could not check before the end of the week...

After all, this ICM-solution may prove viable, who knows?

But you are right, Bill, if this isn't viable, I'm afraid my last resort and better chance is to order an SO-2 from some good USA dealers... Price is around 170$ for the TCXO (Plus shipping :-()

OK... Thanks again for your time, guys...

73 de Joe, IW7ECJ

> Oggetto: Re: R: [TS-850_450_690] Re: 850 Frequency Drift...
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> Easy question. 10ppm means 10 parts per million.
> or 10 hz per megahertz.
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> === message truncated ===
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> =====
>
> see our website www.amateur-repairs.com
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# 1490. Re: [TS-850_450_690] LB1745 DRIVER FILTER UNIT RELAYS

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-04 11:11:59 UTC
From: Silva
Topic: 1378  Message: 1490

Hi Bill,
how much the LB1745 ???
Can you send me it ???
Thanks in advance...
73,
Silva.

At 15:18 01/11/03, you wrote:

>sure I can put one in my next order for you. In a
>hurry?
>
>bill
>
>--- kgshutt <kgshutt@...> wrote:
> > Bill, do you have any of the LB1745 drivers
> > available? Is it to late to add one to your order
> > for me?
> >
> > 73 de Ken - K5GUU
> >
> > ----- Original Message -----
> > From: Bill
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Saturday, October 25, 2003 1:24 PM
> > Subject: [TS-850_450_690] LB1745 DRIVER FILTER
> > UNIT RELAYS
> >
> >
> > OK on the M54581P DRIVER ic for the relays on the
> > filter unit, The
> > sub for this is LB1745, from East Coast or Pacific
> > Coast parts, about
> > 7-8 bucks. I am going to order some, if anyone
> > wants me to add to
> > the order let me know.
> >
> > 73,
> >
> > Bill K0ZL
> >
> >
> >
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> >
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
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> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
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>=====
>
>see our website www.amateur-repairs.com
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>
>_____
>Do you Yahoo!?
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>http://launch.yahoo.com/promos/britneyspears/
>
>
>THANKS FOR USING TS-850_450_690@...
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>
>---
>Incoming mail is certified Virus Free.
>Checked by AVG anti-virus system (http://www.grisoft.com).
>Version: 6.0.532 / Virus Database: 326 - Release Date: 27/10/03

**********
Brasilian Ham Radio
Call sign : PY9ELO
QRA : Silva
Address : PO BOX ( CAIXA POSTAL ) 100 Centro
CEP 68180-630
ITAITUBA - PARÁ - BRASIL

**********
QRV : 7.093,00 KHZ

**********

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Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.535 / Virus Database: 330 - Release Date: 01/11/03

[Non-text portions of this message have been removed]

# 1491. Re: [TS-850_450_690] LB1745 DRIVER FILTER UNIT RELAYS

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-04 14:00:05 UTC
From: Bill
Topic: 1378  Message: 1491

Hi Silva,

I will get back to you this afternoon with pricing and
shipping information.

thanks!

Bill

--- Silva <py9elo@...> wrote:
> Hi Bill,
> how much the LB1745 ???
> Can you send me it ???
> Thanks in advance...
> 73,
> Silva.
>
> At 15:18 01/11/03, you wrote:
>
> >sure I can put one in my next order for you. In a
> >hurry?
> >
> >bill
> >
> >--- kgshutt <kgshutt@...> wrote:
> > > Bill, do you have any of the LB1745 drivers
> > > available? Is it to late to add one to your
> order
> > > for me?
> > >
> > > 73 de Ken - K5GUU
> > >
> > > ----- Original Message -----
> > > From: Bill
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Saturday, October 25, 2003 1:24 PM
> > > Subject: [TS-850_450_690] LB1745 DRIVER FILTER
> > > UNIT RELAYS
> > >
> > >
> > > OK on the M54581P DRIVER ic for the relays on
> the
> > > filter unit, The
> > > sub for this is LB1745, from East Coast or
> Pacific
> > > Coast parts, about

> > > 7-8 bucks. I am going to order some, if
> anyone
> > > wants me to add to
> > > the order let me know.
> > >
> > > 73,
> > >
> > > Bill K0ZL
> > >
> > >
> > >
> > > Yahoo! Groups Sponsor
> > > ADVERTISEMENT
> > >
> > >
> > >
> > >
> > > THANKS FOR USING
> TS-850_450_690@...
> > >
> > > Your use of Yahoo! Groups is subject to the
> Yahoo!
> > > Terms of Service.
> > >
> > >
> > > [Non-text portions of this message have been
> > > removed]
> > >
> > >
> >
> >
> >=====
> >
> >see our website www.amateur-repairs.com
> >
> >
> >_________________________________
> >Do you Yahoo!?
> >Exclusive Video Premiere - Britney Spears
> >http://launch.yahoo.com/promos/britneyspears/
> >
> >
> >THANKS FOR USING TS-850_450_690@...
> >
> >Your use of Yahoo! Groups is subject to
> http://docs.yahoo.com/info/terms/
> >
> >
> >
> >---

> >Incoming mail is certified Virus Free.
> >Checked by AVG anti-virus system
> (http://www.grisoft.com).
> >Version: 6.0.532 / Virus Database: 326 - Release
> Date: 27/10/03
>
>
**********
> Brasilian Ham Radio
> Call sign : PY9ELO
> QRA : Silva
> Address : PO BOX ( CAIXA POSTAL ) 100 Centro
> CEP 68180-630
> ITAITUBA - PAR? - BRASIL
>
>
**********
> QRV : 7.093,00 KHZ
>
>
**********
>
>
> ----------
>
>
> ---
> Outgoing mail is certified Virus Free.
> Checked by AVG anti-virus system
> (http://www.grisoft.com).
> Version: 6.0.535 / Virus Database: 330 - Release
> Date: 01/11/03
>
>
> [Non-text portions of this message have been
> removed]
>
>

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# 1492. distorted funny sounding monitor

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-04 18:39:17 UTC
From: Phil
Topic: 1492  Message: 1492

My TS850 sounds weird when I listen to the monitor (on my headphones).
When monitoring trough an extra transceiver all sounds ok, but nut via the monitor function.

Any ideas what might be wrong ?
Thanks.

Phil ON4VP

[Non-text portions of this message have been removed]

# 1493. Re: [TS-850_450_690] distorted funny sounding monitor

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-04 20:03:10 UTC
From: Bill
Topic: 1492  Message: 1493

What does it sound like? Distorted? thru a tunnel?
are you using headphones, or an external speaker?

If an external speaker or headphones are not phased
correctly, it will sound like you are talking through
a tunnel.

have someone else transmit on the rig, and listen
closely; see if that is any better.

b

--- Phil <e-groups@...> wrote:
> My TS850 sounds weird when I listen to the monitor
> (on my headphones).
> When monitoring trough an extra transceiver all
> sounds ok, but nut via the monitor function.
>
> Any ideas what might be wrong ?
> Thanks.
>
> Phil ON4VP
>
>
> [Non-text portions of this message have been
> removed]
>
>
>

=====

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# 1494. TS-850 X44-3120

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-05 10:26:15 UTC
From: g0lgj
Topic: 1494  Message: 1494

Hi does anyone have a bd layout of the above board the RF unit , I have a dead 850 which has had a small fire on board !!! and cannot see the tracks. It is underside of the board near to the if out I am interested in .
73 de Mark
G0LGJ

# 1495. DSP-100 interface information?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-05 14:18:53 UTC
From: w9goc
Topic: 1495  Message: 1495

I'm looking for information on the signals that go thru the interconnections between the DSP-100 interface and the radio (in my case, a TS-450).

What I'm hoping to do is to use DSP1 and/or DSP2 connectors as a cleaner way (as far as cabling goes) to integrate a non-Kenwood DSP unit into the radio. [Radio Shack DSP40, for example ]

Thanks,

Frederick/W9GOC

# 1496. Re: [TS-850_450_690] TS-850 X44-3120

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-05 15:06:10 UTC
From: Bill
Topic: 1494  Message: 1496

Mark, give me a few days; I will scan that piece and
also take some pics when I get mine back on the bench
(adding foot switch jack and doing the NB mod, plus
inspecting the gas arrestor tube)

Sorry for the fire... what caused it? That should be
low power area!

bill

--- g0lgj <yahoo@...> wrote:
> Hi does anyone have a bd layout of the above board
> the RF unit , I
> have a dead 850 which has had a small fire on board
> !!! and cannot
> see the tracks. It is underside of the board near to
> the if out I am
> interested in .
> 73 de Mark
> G0LGJ
>
>
>

=====

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# 1497. Re: [TS-850_450_690] TS-850 X44-3120

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-05 15:06:49 UTC
From: Bill
Topic: 1494  Message: 1497

Also there are several "rf units" in the 850; I
presume you want the big one that's on the bottom
chassis, and where it feeds over to the IF unit?

b

--- g0lgj <yahoo@...> wrote:
> Hi does anyone have a bd layout of the above board
> the RF unit , I
> have a dead 850 which has had a small fire on board
> !!! and cannot
> see the tracks. It is underside of the board near to
> the if out I am
> interested in .
> 73 de Mark
> G0LGJ
>
>
>

=====

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# 1498. Re: DSP-100 interface information?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-05 16:19:59 UTC
From: Max
Topic: 1495  Message: 1498

--- In TS-850_450_690@yahoogroups.com, "w9goc" <w9goc@a...> wrote:
> I'm looking for information on the signals that go thru the
> interconnections between the DSP-100 interface and the radio (in
my
> case, a TS-450).
>
> What I'm hoping to do is to use DSP1 and/or DSP2 connectors as a
> cleaner way (as far as cabling goes) to integrate a non-Kenwood
DSP
> unit into the radio. [Radio Shack DSP40, for example ]

Frederick,

First thing you have to understand is that the DSP100 for the TS450/850 is an IF DSP unit. The TimeWave, Radio Shack DSP40 etc are all AF based units. They are not the same. Also the frequencies generated in the IF DSP unit you choose to use MUST match those that the Kenwood requires or it is not going to work. Although it is much easier to use an audio DSP unit, the results are less rewarding. In an IF DSP unit, the offending noise, interfering signals, etc are all removed in the IF stages, long before you even hear it. In an audio DSP unit, all that garbage still makes its way to the speaker, it is just masked. As an example, lets say I am in QSO on 7.250 and someone keys up on 7.249 with an S9+20dB carrier. If I hit the beat cancel (auto-notch) on my TS570, it will block the audio tone, but the S9+20db carrier is still there showing on my meter. If the guy I was talking to was only S5, he will be wiped out. If I was to do the same thing in an IF based DSP rig, the carrier is removed long before the detector and audio amplifier stages. So not only do I not hear the offending tone, but the carrier is gone as well, so I can still copy my S5 friend. That is why there is such a difference in price between an IF DSP rig and an AF DSP rig. So I guess you have 3 choices:

1. Be happy with an audio DSP unit.
2. Buy a DSP100 if you can find one
3. Buy a TS870 with built in IF DSP $$

73,
Max

# 1499. TS850 and SM220

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-06 04:10:54 UTC
From: Paul B. Peters, VE7AVV
Topic: 1499  Message: 1499

Hello all..... Is someone using an SM220 station monitor with their TS850? If so, do you have the SM220 connected using both the IF-out on the 850 and the antenna connections or just the antenna connections? I guess I'm really asking if SM220 is fully compatible with the TS850 or only in terms of the RF level connection. I just acquired the SM220 and don't have it in the line yet.

73 de Paul, VE7AVV
StoneyGround Station
-|<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>||<*><*>|-
"All email from this address is checked by Norton AntiVirus 2003"

# 1500. Re: TS850 and SM220

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-06 06:38:49 UTC
From: Max
Topic: 1499  Message: 1500

--- In TS-850_450_690@yahoogroups.com, "Paul B. Peters, VE7AVV" <ve7avv@s...> wrote:
> Hello all..... Is someone using an SM220 station monitor with their
> TS850? If so, do you have the SM220 connected using both the IF-out on
> the 850 and the antenna connections or just the antenna connections? I
> guess I'm really asking if SM220 is fully compatible with the TS850 or
> only in terms of the RF level connection. I just acquired the SM220 and
> don't have it in the line yet.

Paul,

I am just about to take delivery of an SM220 myself. I have modified my TS570 with an IF tap just before the detector stages. According to the manual, you run the coax from the rig to the RF IN connector, and the RF OUT goes to the antenna. This allows you to monitor your transmitted signal. The IF OUT on the radio goes to the V.IN on the monitor. This allows you to monitor the other guys signal. I am looking forward to having mine in line.

Max

# 1501. Re: TS850 and SM220

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-06 16:29:40 UTC
From: rsakabu
Topic: 1499  Message: 1501

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "Paul B. Peters, VE7AVV"
> <ve7avv@s...> wrote:
> > Hello all..... Is someone using an SM220 station monitor with
their
> > TS850? If so, do you have the SM220 connected using both the IF-
> out on
> > the 850 and the antenna connections or just the antenna
> connections? I
> > guess I'm really asking if SM220 is fully compatible with the
> TS850 or
> > only in terms of the RF level connection. I just acquired the
> SM220 and
> > don't have it in the line yet.
>
> Paul,
>
> I am just about to take delivery of an SM220 myself. I have
modified
> my TS570 with an IF tap just before the detector stages. According
> to the manual, you run the coax from the rig to the RF IN
connector,
> and the RF OUT goes to the antenna. This allows you to monitor
your
> transmitted signal. The IF OUT on the radio goes to the V.IN on
the
> monitor. This allows you to monitor the other guys signal. I am
> looking forward to having mine in line.
>
> Max

The IF out goes to the V.IN only if you want to monitor the other guy's signal. If you have and want to use the BS-8 pan adapter to get the real time spectrum scope of signals near your tuned frequency, you plug the IF out of the 850 into the IF IN jack on the SM-220/BS-8. On the 850, the IF out is a low level broad band (before the 8.83 MHz filters) signal. If you put the IF into the vertical input of the SM-220, the display won't look very good if there are other signals nearby.
If all you want is the narrow IF (post filtering), then it would be necessary to tap into the signal chain prior to the 455 kHz mixer and perhaps buffer it. You could then monitor the signal with any generic scope.
The TS-830 had both narrow and wide IF outputs which allowed you to monitor both the tuned frequency's signal and get a wide spectrum

scope display with the SM-220/BS-8.

73
Roy
AD6ZU

# 1502. Re: TS850 and SM220

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-06 17:38:26 UTC
From: Max
Topic: 1499  Message: 1502

> If all you want is the narrow IF (post filtering), then it
would
> be necessary to tap into the signal chain prior to the 455 kHz
mixer
> and perhaps buffer it. You could then monitor the signal with any
> generic scope.
>

Roy,

Hoping I did my mod right!! In the 570 I tapped off the IF amp
right after the filters but before the detectors. Using a sound
card "scope" I was showing a signal but of course it is feeding into
the audio input of the sound card, and it is not an audio signal we
are monitoring. As soon as the SM220 arrives I will post the results.

Max

# 1503. Re: TS850 and SM220

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-06 19:18:06 UTC
From: rsakabu
Topic: 1499  Message: 1503

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
>
> > If all you want is the narrow IF (post filtering), then it
> would
> > be necessary to tap into the signal chain prior to the 455 kHz
> mixer
> > and perhaps buffer it. You could then monitor the signal with any
> > generic scope.
> >
>
> Roy,
>
> Hoping I did my mod right!! In the 570 I tapped off the IF amp
> right after the filters but before the detectors. Using a sound
> card "scope" I was showing a signal but of course it is feeding into
> the audio input of the sound card, and it is not an audio signal we
> are monitoring. As soon as the SM220 arrives I will post the results.
>
> Max

Max,
You did it right if you want to simply see the received signal. The bandwidth of the signal you see will be limited by the filter you use. You will not be able to use the pan adapter feature with your 570 as configured if you bought an SM-220 with the BS-8. This isn't a problem if you didn't get a BS-8 with the SM-220.
I tried taking the IF out from a Yaesu VR-5000 and even though it was 10.7 MHz instead of 8.83 MHz, the SM-220 showed the signal. It was a narrow band (post filtered) IF out, so plugging it into the pan adapter only showed a "spike" when tuned to a signal. Putting it into the vertical input of the scope showed a nice signal when tuned to an occupied frequency.

Roy

# 1504. IF Tap

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-06 21:17:40 UTC
From: Max
Topic: 1499  Message: 1504

Roy

My SM220 doesn't have the pan adapter, I have no desire to see what is around me. I will use it just for observing the received signal, not much more. I found a few different spots to tap off, so if this one doesn't provide the image I want I will try another. The tap was very easy to get to, off L58 on the main board. Didn't even have to remove the board!

# 1505. Re: IF Tap

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-06 21:44:56 UTC
From: rsakabu
Topic: 1499  Message: 1505

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> Roy
>
> My SM220 doesn't have the pan adapter, I have no desire to see what
> is around me.

That was the magic line.
Without the pan adapter and with no need to use it, you tapped off the right spot. You can see a signal, widen or narrow up the filter and see what QRM/QRN does to the trace.

Glad to see someone who doesn't mind "lifting up the hood".

73
Roy

# 1506. Re: [TS-850_450_690] Re: TS850 and SM220

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-06 21:46:28 UTC
From: Bill
Topic: 1499  Message: 1506

The only problem with monitoring received signals
after the filters is, if someone is flattopping, it
probably won't show it as the filters tend to remove
the 3rd order distortion products from the signal (at
least until you tune off of them!).

b

--- Max <ve3tmt@...> wrote:
>
> > If all you want is the narrow IF (post
> filtering), then it
> would
> > be necessary to tap into the signal chain prior to
> the 455 kHz
> mixer
> > and perhaps buffer it. You could then monitor the
> signal with any
> > generic scope.
> >
>
> Roy,
>
> Hoping I did my mod right!! In the 570 I tapped off
> the IF amp
> right after the filters but before the detectors.
> Using a sound
> card "scope" I was showing a signal but of course it
> is feeding into
> the audio input of the sound card, and it is not an
> audio signal we
> are monitoring. As soon as the SM220 arrives I will
> post the results.
>
> Max
>
>

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# 1507. Re: IF Tap

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-07 01:00:21 UTC
From: Max
Topic: 1499  Message: 1507

> That was the magic line.
> Without the pan adapter and with no need to use it, you tapped off
the
> right spot. You can see a signal, widen or narrow up the filter
and
> see what QRM/QRN does to the trace.
>
> Glad to see someone who doesn't mind "lifting up the hood".
>
> 73
> Roy

Sometimes I wonder why I ever put the covers back on Roy! But that is the fun of this hobby, experimentation. I was looking at a couple of spots in the path. I actually just adapted what I read in the TS520 manual for using the scope. I just traced the route until I thought I had the right spot. My scope should be here in a couple of days. I will post the results and perhaps snap a shot and post it in the files section.

Max

# 1508. Re: TS-850 X44-3120

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-07 09:17:53 UTC
From: g0lgj
Topic: 1494  Message: 1508

Hi Bill thanks much appreciated
Yes large bd contains IF unit out. around 3cm from that connector sq would be great. A idle hand !! not mine I hasten to add caused the fire, chatting to him on 2M while it happened :( was on may way round to look !!!! Problem with relay the transistor that "burnt" is the one that controls signal RL. Q43 ,r274,R273 area. I hope that is enough information.

Mark

-- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> Also there are several "rf units" in the 850; I
> presume you want the big one that's on the bottom
> chassis, and where it feeds over to the IF unit?
>
> b
>
> --- g0lgj <yahoo@a...> wrote:
> > Hi does anyone have a bd layout of the above board
> > the RF unit , I
> > have a dead 850 which has had a small fire on board
> > !!! and cannot
> > see the tracks. It is underside of the board near to
> > the if out I am
> > interested in .
> > 73 de Mark
> > G0LGJ
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> =====
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# 1509. Potential Buyer

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-07 17:25:55 UTC
From: Stromberg, Richard J
Topic: 1509  Message: 1509

Hi,

I am looking into buying a used TS-850S but have some questions:

Is it possible to still obtain the filters? If so, suggestions as to where and how?

Is it possible to decode its age based upon the units serial number? (s/n is 30801351)

Any help is greatly appreciated.

73

WA2RWM

[Non-text portions of this message have been removed]

# 1510. Re: Potential Buyer

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-07 18:18:01 UTC
From: Max
Topic: 1509  Message: 1510

--- In TS-850_450_690@yahoogroups.com, "Stromberg, Richard J"
<Richard.J.Stromberg@i...> wrote:
> Hi,
>
> I am looking into buying a used TS-850S but have some questions:
>
> Is it possible to still obtain the filters? If so, suggestions as
to
> where and how?
>
> Is it possible to decode its age based upon the units serial
number?
> (s/n is 30801351)

Richard,

Not sure about the serial number issue, Bill might have an answer
for you on that one. Regarding the filters, INRAD makes great
filters for the 850. Check them out at http://www.qth.com/inrad/

Over to you Bill !!

# 1511. -Amen-

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-07 18:18:37 UTC
From: W. Hansen
Topic: 1511  Message: 1511

Max wrote:

"Sometimes I wonder why I ever put the covers back on Roy! But that
is the fun of this hobby, experimentation......"

I think that is the key to the success of ham radio.

You can't experiment with your car anymore because you will be arrested
for violating some silly federal air pollution law.

But, I can still design and erect all types of antennas (at least where
I live), build a linear from scratch, or modify my equipment with out
fear of retribution.

Ham radio and the Internet appear the last frontiers of personal
freedom and creativity.

Bill

=====
http://RoyaltyFreePhotos.com
**********
**********

---
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http://antispam.yahoo.com/whatsnewfree

# 1512. TS-850 to soundcard/interface hookup suggestions?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-07 19:21:13 UTC
From: vtnn43e48073
Topic: 1512  Message: 1512

I was wondering how most of you have hooked up your soundcard and interface? Did you just use the mic connector or the ACC2 port or what?
In the near future I want to start using the digital modes via a West Mountain interface and would like to know the best way to hook it up. Any info on this will be greatly appreciated.

73
Zack
N8FNR

# 1513. Re: [TS-850_450_690] Re: Potential Buyer

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-07 19:24:27 UTC
From: Paul Manuel
Topic: 1509  Message: 1513

>
> Not sure about the serial number issue, Bill might have an answer
> for you on that one. Regarding the filters, INRAD makes great
> filters for the 850.

The filters are still available new, and are all over the Internet in used
form (I am in the process of trading for one now.)
I think (someone else will know for sure) that you subtract two from the
first digit to get the year of manufacture. (Don't you hate it when
someone answers a question without really knowing!)
Enjoy the 850, it is quite a rig!
73,
Paul K4PDM

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# 1514. Re: [TS-850_450_690] Re: Potential Buyer

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-07 21:00:39 UTC
From: Duncan Cameron
Topic: 1509  Message: 1514

Paul-
You are correct!
The Kenwood Serial Numbering system uses the following standard-
The first digit (minus 2) is the year
the next two digits indicates the month of manufacture
the remaining digits indicate the unit number manufactured that month
Scott C./KA1MUY

>From: Paul Manuel <k4pdm@...>
>Reply-To: TS-850_450_690@yahoogroups.com
>To: TS-850_450_690@yahoogroups.com
>Subject: Re: [TS-850_450_690] Re: Potential Buyer
>Date: Fri, 7 Nov 2003 11:24:27 -0800 (PST)
>
> >
> > Not sure about the serial number issue, Bill might have an answer
> > for you on that one. Regarding the filters, INRAD makes great
> > filters for the 850.
>
>The filters are still available new, and are all over the Internet in used
>form (I am in the process of trading for one now.)
>I think (someone else will know for sure) that you subtract two from the
>first digit to get the year of manufacture. (Don't you hate it when
>someone answers a question without really knowing!)
>Enjoy the 850, it is quite a rig!
>73,
>Paul K4PDM
>
>
>_____
>Do you Yahoo!?
>Protect your identity with Yahoo! Mail AddressGuard
>http://antispam.yahoo.com/whatsnewfree
>
>
>THANKS FOR USING TS-850_450_690@...
>
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MSN Shopping upgraded for the holidays! Snappier product search...
http://shopping.msn.com

# 1515. Re: 450S - ALC and audio volume conflict

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-07 21:47:13 UTC
From: k9zy
Topic: 1395  Message: 1515

Bill,
Thanks for the guiding help last night over the land line and on 40 meters. Your suggestion worked. Let me recap here so others can benefit.

1- I opened up the bottom of the TS-450S and located the IF board (the board with the RCA plugs for the DSP connections) and VR-15 near the back corner. Power Down All Mode switch was in the appropriate off position so rig was not limited to 50 watts. (I crafted a quick non metalic screwdriver out of a plastic disposable pen cap and it worked fine to adjust the VR-15.)

2- Set the antenna output switch to the dummy load for testing, and set the TS-450 to register peak meter readings (to show clear upper limit readings), speech processor off.

3- I powered up the rig and initially set the Mic Gain at about 9 or 10 o'clock position, as I recall, and power to 4 o'clock (not quite full). Then I gradually adjusted VR-15 so 100 watts power output was reached just as the ALC meter began to register my voice (whistle), using the stock Kenwood mic (MC-43, 600 ohm). I made a few minor adjustments back and forth between Mic Gain position and VR-15 to set a nice balance of full power, less than 12 o'clock Mic Gain position, and ALC meter reading just starting to fluctuate. Once set, I brought up mic gain position up until it registered about the middle to the top of the ALC meter levels consistently on speech.

Results:
Total maximum power output is now registering closer to 130 to 140 watts,(is there a concern I should have with this level greater than 100 watts?) and I get strong audio reports while I'm still within the ALC limits, with Mic Gain set at the 11 o'clock position (instead of 5 o'clock as before with ALC reading way above recommended meter limits). Raising Mic Gain from 11 to full 5 o'clock position causes slight variation in audio volume, with no distortion, so there may be room for more slight adjusting, but I'm pleased with the outcome so far.

I then tested on air with my 600 ohm Realistic desktop mic. Mic Gain set between 12 and 2 o'clock position yields clear audio report and strong signal - with Speech Processor off.

Note: It only takes a small adjustment of VR-15 to fluctuate the power output. Adjust too far, and the power output drops back to just about nothing as do ALC meter readings.

Many thanks,
Mark
K9ZY

> > > > At 05:46 AM 10/28/2003 -0800, you wrote:
> > > > >Mark, call me tonight and I will listen for you
> > on
> > > > > the
> > > > > >air if you want. 40m probably best after 7PM to
> > 9
> > > > > land
> > > > > >
> > > > > >303-424-4858 is the shop fone.
> > > > > >
> > > > > >Goes for anyone on the list by the way.
> > > > > >
> > > > > >73,
> > > > > >
> > > > > >Bill K0ZL
> > > > > >
> > > > > >--- k9zy <k9zy@y...> wrote:
> > > > > >> I've got some experience with the Kenwood
> > TS-430S
> > > > > >> and good audio
> > > > > >> quality with readings just outside the ALC
> > upper
> > > > > >> limit, but now I'm
> > > > > >> finding with my recently acquired TS-450S
> > that
> > > > > I'm
> > > > > >> getting low audio
> > > > > >> reports even when my ALC reading is well
> > beyond
> > > > > the
> > > > > >> upper limit.
> > > > > >> Reports of an S9 signal, but low audio.
> > > > > >>
> > > > > >> I've tested with the stock MC-43 mic, and
> > find
> > > > > the
> > > > > >> same scenario
> > > > > >> with my Realistic desktop mic. I have to set
> > the
> > > > > Mic
> > > > > >> gain at 80 to
> > > > > >> 100% rotation position (distortion only
> > reported
> > > > > >> when I got to 95%),
> > > > > >> and ALC readings pegged well above the upper
> > > > > limit
> > > > > >> recommended

> > > > >> reading. (Just about the same with Speech
> > > > processor
> > > > > >> on, but
> > > > > >> distortion comes in slightly earlier, but I'm
> > > > well
> > > > > >> beyond
> > > > > >> recommended ALC readings). Is this consistent
> > to
> > > > > >> 450s or should I
> > > > > >> be looking at a possible problem and not
> > ignore
> > > > the
> > > > > >> ALC reading? I
> > > > > >> worries me that I'm running at nearly full
> > mic
> > > > gain
> > > > > >> just to bring
> > > > > >> the audio up.
> > > > > >> Thanks,
> > > > > >> Mark
> > > > > >>
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# 1516. Re: [TS-850_450_690] Potential Buyer

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-08 01:57:29 UTC
From: Bill
Topic: 1509  Message: 1516

International Radio makes the best filters for
aftermarket on all rigs.

I won't go into the age thing.

The 850 is an awesome rig. I have blown mine up and
fixed it thrice; 2x from lightning or near hits, and
once from an errant Henry amplifier that went looking
for nuetral through the rig. Found it, after a
fashion.

No failures from the rig's fault, itself.

Easy to work on.

73!

Bill

--- "Stromberg, Richard J"
<Richard.J.Stromberg@...> wrote:
> Hi,
>
> I am looking into buying a used TS-850S but have
> some questions:
>
> Is it possible to still obtain the filters? If so,
> suggestions as to
> where and how?
>
> Is it possible to decode its age based upon the
> units serial number?
> (s/n is 30801351)
>
> Any help is greatly appreciated.
>
> 73
>
> WA2RWM
>
>
> [Non-text portions of this message have been
> removed]
>
>
>

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# 1517. Re: [TS-850_450_690] -Amen-

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-08 01:59:08 UTC
From: Bill
Topic: 1511  Message: 1517

There is really a lot of leeway on what you can do
legally to your vehicle to improve performance and not
violate the laws.

Any mods you see in the speed catalogs that are marked
"50 state legal" are probably OK to do. Don't know
about Canada.

b

--- "W. Hansen" <rfpexec@...> wrote:
> Max wrote:
>
> "Sometimes I wonder why I ever put the covers back
> on Roy! But that
> is the fun of this hobby, experimentation......"
>
> I think that is the key to the success of ham radio.
>
> You can't experiment with your car anymore because
> you will be arrested
> for violating some silly federal air pollution law.
>
> But, I can still design and erect all types of
> antennas (at least where
> I live), build a linear from scratch, or modify my
> equipment with out
> fear of retribution.
>
> Ham radio and the Internet appear the last frontiers
> of personal
> freedom and creativity.
>
>
> Bill
>
>
>
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> =====
> http://RoyaltyFreePhotos.com
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# 1518. Re: [TS-850_450_690] Re: 450S - ALC and audio volume conflict

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-08 02:09:49 UTC
From: Bill
Topic: 1395  Message: 1518

Oh yeah, forgot to tell you.. I don't think VR15 has
"stops"!!! so you can go "round the world" and get
some confusing action that way...

Um, 140w ok, just be sure you can get proper ALC
action on all bands. 15M is worst for some reason.
If you cannot get ALC indication, just turn VR15 down
until you do. That will be your max output for that
rig.

Glad to have helped! Hope to hear you on when band is
a little better.

bill K0ZL

--- k9zy <k9zy@...> wrote:
> Bill,
> Thanks for the guiding help last night over the land
> line and on 40
> meters. Your suggestion worked. Let me recap here so
> others can
> benefit.
>
> 1- I opened up the bottom of the TS-450S and located
> the IF board
> (the board with the RCA plugs for the DSP
> connections) and VR-15
> near the back corner. Power Down All Mode switch was
> in the
> appropriate off position so rig was not limited to
> 50 watts. (I
> crafted a quick non metalic screwdriver out of a
> plastic disposable
> pen cap and it worked fine to adjust the VR-15.)
>
> 2- Set the antenna output switch to the dummy load
> for testing, and
> set the TS-450 to register peak meter readings (to
> show clear upper
> limit readings), speech processor off.
>
> 3- I powered up the rig and initially set the Mic
> Gain at about 9 or
> 10 o'clock position, as I recall, and power to 4
> o'clock (not quite
> full). Then I gradually adjusted VR-15 so 100 watts

> power output was
> reached just as the ALC meter began to register my
> voice (whistle),
> using the stock Kenwood mic (MC-43, 600 ohm). I made
> a few minor
> adjustments back and forth between Mic Gain position
> and VR-15 to
> set a nice balance of full power, less than 12
> o'clock Mic Gain
> position, and ALC meter reading just starting to
> fluctuate. Once
> set, I brought up mic gain position up until it
> registered about the
> middle to the top of the ALC meter levels
> consistently on speech.
>
>
> Results:
> Total maximum power output is now registering closer
> to 130 to 140
> watts,(is there a concern I should have with this
> level greater than
> 100 watts?) and I get strong audio reports while I'm
> still within
> the ALC limits, with Mic Gain set at the 11 o'clock
> position
> (instead of 5 o'clock as before with ALC reading way
> above
> recommended meter limits). Raising Mic Gain from 11
> to full 5
> o'clock position causes slight variation in audio
> volume, with no
> distortion, so there may be room for more slight
> adjusting, but I'm
> pleased with the outcome so far.
>
> I then tested on air with my 600 ohm Realistic
> desktop mic. Mic Gain
> set between 12 and 2 o'clock position yields clear
> audio report and
> strong signal - with Speech Processor off.
>
> Note: It only takes a small adjustment of VR-15 to
> fluctuate the
> power output. Adjust too far, and the power output
> drops back to
> just about nothing as do ALC meter readings.
>
> Many thanks,
> Mark

> K9ZY
>
>
> > > > > At 05:46 AM 10/28/2003 -0800, you wrote:
> > > > > > >Mark, call me tonight and I will listen for
> you
> > > on
> > > > > > the
> > > > > > >air if you want. 40m probably best after
> 7PM to
> > > 9
> > > > > > land
> > > > > > >
> > > > > > >303-424-4858 is the shop fone.
> > > > > > >
> > > > > > >Goes for anyone on the list by the way.
> > > > > > >
> > > > > > >73,
> > > > > > >
> > > > > > >Bill K0ZL
> > > > > > >
> > > > > > >--- k9zy <k9zy@y...> wrote:
> > > > > > >> I've got some experience with the Kenwood
> > > TS-430S
> > > > > > >> and good audio
> > > > > > >> quality with readings just outside the
> ALC
> > > upper
> > > > > > >> limit, but now I'm
> > > > > > >> finding with my recently acquired TS-450S
> > > that
> > > > > > I'm
> > > > > > >> getting low audio
> > > > > > >> reports even when my ALC reading is well
> > > beyond
> > > > > > the
> > > > > > >> upper limit.
> > > > > > >> Reports of an S9 signal, but low audio.
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> > > > > > >> I've tested with the stock MC-43 mic, and
> > > find
> > > > > > the
> > > > > > >> same scenario
> > > > > > >> with my Realistic desktop mic. I have to
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> > > the
> > > > > > Mic
> > > > > > >> gain at 80 to
> > > > > > >> 100% rotation position (distortion only
> > > reported

> > > > > >> when I got to 95%),
> > > > > >> and ALC readings pegged well above the
> upper
> > > > > limit
> > > > > >> recommended
> > > > > >> reading. (Just about the same with Speech
> > > > > processor
> > > > > >> on, but
> > > > > >> distortion comes in slightly earlier, but
> I'm
> > > > > well
> > > > > >> beyond
> > > > > >> recommended ALC readings). Is this
> consistent
> > > to
> > > > > >> 450s or should I
> > > > > >> be looking at a possible problem and not
> > > ignore
> > > > > the
> > > > > >> ALC reading? I
> > > > > >> worries me that I'm running at nearly
> full
> > > mic
> > > > > gain
> > > > > >> just to bring
> > > > > >> the audio up.
> > > > > >> Thanks,
> > > > > >> Mark
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# 1519. TS-850 "S" meter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-10 00:09:50 UTC
From: Rich
Topic: 1519  Message: 1519

TS-850 s-meter wont dropp below 3db under any conditions ant./no ant?
Any suggestion/solutions??? Thank's and 73'S

# 1520. Re: [TS-850_450_690] TS-850 "S" meter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-10 00:22:31 UTC
From: Bob Snelgrove
Topic: 1519  Message: 1520

Mine's the opposite reads too low. How do you calibrate the meter? Bill?

bob

At 12:09 AM 11/10/2003 -0000, you wrote:
>TS-850 s-meter wont dropp below 3db under any conditions ant./no ant?
>Any suggestion/solutions??? Thank's and 73'S
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1521. 850 Noise Blanker ??

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-10 05:53:02 UTC
From: Bob Snelgrove
Topic: 1521  Message: 1521

Hi Gang

I don't know if my NB is working like it should. Both NB1 and 2 work exactly the same when the bedroom light dimmers are on, cuts the noise from s9 down to s3 and I can copy the signal. BUT, when either is on, the NB level or width (nb2) do absolutely nothing. It's like NB 1 and 2 are either on or off with no parameter control and the both react exactly the same??

thx

bob

# 1522. Re: [TS-850_450_690] TS-850 "S" meter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-10 13:21:38 UTC
From: Bill
Topic: 1519  Message: 1522

S meter zero adj is off. If you needa scan let me
know but give me a couple of days to do it.. still
backed up on a request from the UK...

b

--- Rich <KC0OKF@...> wrote:
> TS-850 s-meter wont dropp below 3db under any
> conditions ant./no ant?
> Any suggestion/solutions??? Thank's and 73'S
>
>
>

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# 1523. Re: [TS-850_450_690] TS-850 "S" meter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-10 13:23:15 UTC
From: Bill
Topic: 1519  Message: 1523

OK I will do a scan tonight if I can (have car to fix
also)...

Is yours too low on zero or on strong sigs?

bill

--- Bob Snelgrove <steelgtr@...> wrote:
> Mine's the opposite reads too low. How do you
> calibrate the meter? Bill?
>
>
> bob
>
>
>
>
> At 12:09 AM 11/10/2003 -0000, you wrote:
> >TS-850 s-meter wont dropp below 3db under any
> conditions ant./no ant?
> >Any suggestion/solutions??? Thank's and 73'S
> >
> >
> >
> >
> >THANKS FOR USING TS-850_450_690@...
> >
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# 1524. Re: 850 Noise Blanker ??

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-10 13:36:05 UTC
From: Max
Topic: 1521  Message: 1524

--- In TS-850_450_690@yahoogroups.com, Bob Snelgrove <steelgtr@i...>
wrote:
> Hi Gang
>
> I don't know if my NB is working like it should. Both NB1 and 2
work
> exactly the same when the bedroom light dimmers are on, cuts the
noise from
> s9 down to s3 and I can copy the signal. BUT, when either is on,
the NB
> level or width (nb2) do absolutely nothing. It's like NB 1 and 2
are
> either on or off with no parameter control and the both react
exactly the
> same??

Did you do the NB mod Bob?

# 1525. S-Meter adjustment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-10 14:09:43 UTC
From: Max
Topic: 1519  Message: 1525

I have uploaded two files to the "Manuals and Schematics" folder.
One is the adjustment procedure for calibrating the s-meter on the
850, the other is the board layout where to find the adjustment
pots. Hope this helps.

Max

# 1526. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-10 14:13:02 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 1526

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /Manuals and Schematics/s-meter_adjust.jpg
Uploaded by : ve3tmt <ve3tmt@...>
Description : S-Meter adjustment procedure

You can access this file at the URL

http://groups.yahoo.com/group/TS-850_450_690/files/Manuals%20and%20Schematics/s-meter_adjust.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ve3tmt <ve3tmt@...>

# 1527. Re: [TS-850_450_690] 850 Noise Blanker ??

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-10 14:14:14 UTC
From: Bill
Topic: 1521  Message: 1527

Mine also that way, level control has little effect
except to boost the induced third-order distortion on
strong rx sigs! I have not done the capacitor mod
yet.
b

--- Bob Snelgrove <steelgtr@...> wrote:
> Hi Gang
>
> I don't know if my NB is working like it should.
> Both NB1 and 2 work
> exactly the same when the bedroom light dimmers are
> on, cuts the noise from
> s9 down to s3 and I can copy the signal. BUT, when
> either is on, the NB
> level or width (nb2) do absolutely nothing. It's
> like NB 1 and 2 are
> either on or off with no parameter control and the
> both react exactly the
> same??
>
> thx
>
> bob
>
>
>

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# 1528. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-10 14:13:38 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 1528

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /Manuals and Schematics/s-meter_adjustment_points.jpg
Uploaded by : ve3tmt <ve3tmt@...>
Description : S-Meter adjustment points

You can access this file at the URL

http://groups.yahoo.com/group/TS-850_450_690/files/Manuals%20and%20Schematics/s-meter_adjustment_points.jpg

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ve3tmt <ve3tmt@...>

# 1529. Re: [TS-850_450_690] TS-850 "S" meter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-10 15:01:01 UTC
From: Bob Snelgrove
Topic: 1519  Message: 1529

Sure, Bill

Whenever you get a chance.

thx

bob

At 05:21 AM 11/10/2003 -0800, you wrote:
>S meter zero adj is off. If you needa scan let me
>know but give me a couple of days to do it.. still
>backed up on a request from the UK...
>
>b
>
>--- Rich <KC0OKF@...> wrote:
>> TS-850 s-meter wont dropp below 3db under any
>> conditions ant./no ant?
>> Any suggestion/solutions??? Thank's and 73'S
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>see our website www.amateur-repairs.com
>
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>
>THANKS FOR USING TS-850_450_690@...
>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
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>

# 1530. Re: [TS-850_450_690] TS-850 "S" meter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-10 15:02:35 UTC
From: Bob Snelgrove
Topic: 1519  Message: 1530

Bill

I'm not sure what "low on zero" means?

It seems to low on strong signals.

thx

bob

At 05:23 AM 11/10/2003 -0800, you wrote:
>OK I will do a scan tonight if I can (have car to fix
>also)...
>
>Is yours too low on zero or on strong sigs?
>
>bill
>
>--- Bob Snelgrove <steelgtr@...> wrote:
>> Mine's the opposite reads too low. How do you
>> calibrate the meter? Bill?
>>
>>
>> bob
>>
>>
>>
>>
>> At 12:09 AM 11/10/2003 -0000, you wrote:
>> >TS-850 s-meter wont dropp below 3db under any
>> conditions ant./no ant?
>> >Any suggestion/solutions??? Thank's and 73'S
>> >
>> >
>> >
>> >
>> >THANKS FOR USING TS-850_450_690@...
>> >
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# 1531. Re: [TS-850_450_690] Re: 850 Noise Blanker ??

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-10 15:04:15 UTC
From: Bob Snelgrove
Topic: 1521  Message: 1531

I didn't and don't think the previous owner did, but it looks easy enough
to pull the top off and check that board.

Is that the way it should work when the mod is done?

bob

At 01:36 PM 11/10/2003 -0000, you wrote:
>--- In TS-850_450_690@yahoogroups.com, Bob Snelgrove <steelgtr@i...>
>wrote:
>> Hi Gang
>>
>> I don't know if my NB is working like it should. Both NB1 and 2
>work
>> exactly the same when the bedroom light dimmers are on, cuts the
>noise from
>> s9 down to s3 and I can copy the signal. BUT, when either is on,
>the NB
>> level or width (nb2) do absolutely nothing. It's like NB 1 and 2
>are
>> either on or off with no parameter control and the both react
>exactly the
>> same??
>
>Did you do the NB mod Bob?
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>
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>

# 1532. Re: [TS-850_450_690] S-Meter adjustment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-10 16:15:26 UTC
From: Bill
Topic: 1519  Message: 1532

THANKS Max!

b

--- Max <ve3tmt@...> wrote:
> I have uploaded two files to the "Manuals and
> Schematics" folder.
> One is the adjustment procedure for calibrating the
> s-meter on the
> 850, the other is the board layout where to find the
> adjustment
> pots. Hope this helps.
>
> Max
>
>

=====

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# 1533. Re: [TS-850_450_690] TS-850 "S" meter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-10 16:17:08 UTC
From: Bill
Topic: 1519  Message: 1533

OK then you want the "S9" adjustment, not the "s0"
adj.
b

--- Bob Snelgrove <steelgtr@...> wrote:
> Bill
>
> I'm not sure what "low on zero" means?
>
> It seems to low on strong signals.
>
> thx
>
> bob
>
>
>
>
>
> At 05:23 AM 11/10/2003 -0800, you wrote:
> >OK I will do a scan tonight if I can (have car to
> fix
> >also)...
> >
> >Is yours too low on zero or on strong sigs?
> >
> >bill
> >
> >--- Bob Snelgrove <steelgtr@...> wrote:
> >> Mine's the opposite reads too low. How do you
> >> calibrate the meter? Bill?
> >>
> >>
> >> bob
> >>
> >>
> >>
> >>
> >> At 12:09 AM 11/10/2003 -0000, you wrote:
> >> >TS-850 s-meter wont dropp below 3db under any
> >> conditions ant./no ant?
> >> >Any suggestion/solutions??? Thank's and 73'S
> >> >
> >> >
> >> >

> >> >
> >> >THANKS FOR USING TS-850_450_690@...
> >> >
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> > >THANKS FOR USING TS-850_450_690@...
> > >
> > >Your use of Yahoo! Groups is subject to
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# 1534. Re: [TS-850_450_690] Re: 850 Noise Blanker ??

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-10 16:17:52 UTC
From: Bill
Topic: 1521  Message: 1534

I think the mod helps, and I intend to do mine when I
get some time.

There should be some pix either in our group or in
mods.dk.

b

--- Bob Snelgrove <steelgtr@...> wrote:
> I didn't and don't think the previous owner did,
> but it looks easy enough
> to pull the top off and check that board.
>
> Is that the way it should work when the mod is done?
>
> bob
>
>
>
>
>
> At 01:36 PM 11/10/2003 -0000, you wrote:
> >--- In TS-850_450_690@yahoogroups.com, Bob
> Snelgrove <steelgtr@i...>
> >wrote:
> >> Hi Gang
> >>
> >> I don't know if my NB is working like it should.
> Both NB1 and 2
> >work
> >> exactly the same when the bedroom light dimmers
> are on, cuts the
> >noise from
> >> s9 down to s3 and I can copy the signal. BUT,
> when either is on,
> >the NB
> >> level or width (nb2) do absolutely nothing. It's
> like NB 1 and 2
> >are
> >> either on or off with no parameter control and
> the both react
> >exactly the
> >> same??
> >
> >Did you do the NB mod Bob?
> >

> >
> >
> >
> >THANKS FOR USING TS-850_450_690@...
> >
> >Your use of Yahoo! Groups is subject to
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# 1535. Re: 850 Noise Blanker Mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-10 18:28:38 UTC
From: Max
Topic: 1521  Message: 1535

From what I can remember, the mod worked great on my 850.

Max

# 1536. 300 members and counting!!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-10 21:19:23 UTC
From: Max
Topic: 1536  Message: 1536

Congrats to all!! Fantastic group we have here.

Max

# 1537. Re: [TS-850_450_690] S-Meter adjustment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-11 01:44:29 UTC
From: Bob Snelgrove
Topic: 1519  Message: 1537

Thanks, Max

Could anyone explain how to interpret the directions?

thx

bob

At 02:09 PM 11/10/2003 -0000, you wrote:
>I have uploaded two files to the "Manuals and Schematics" folder.
>One is the adjustment procedure for calibrating the s-meter on the
>850, the other is the board layout where to find the adjustment
>pots. Hope this helps.
>
>Max
>
>
>
>THANKS FOR USING TS-850_450_690@...
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>
>

# 1538. Re: S-Meter adjustment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-11 02:50:40 UTC
From: Max
Topic: 1519  Message: 1538

--- In TS-850_450_690@yahoogroups.com, Bob Snelgrove <steelgtr@i...>
wrote:
> Thanks, Max
>
> Could anyone explain how to interpret the directions?
>
> thx
>
> bob

To do the alignment properly Bob you really need a calibrated signal generator. Basicall you inject no signal and adjust the meter to show zero, then up the input to the proper valuie and adjust the meter to S1, then up it again to the proper level and adjust the S9 pot. Without a calibrated generator you would just be guessing at the levels. The S-zero is the easy one.

Max

# 1539. Re: [TS-850_450_690] Re: S-Meter adjustment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-11 02:54:39 UTC
From: Bob Snelgrove
Topic: 1519  Message: 1539

Thanks, Max

I'll wait :)

thx

bob

At 02:50 AM 11/11/2003 -0000, you wrote:
>--- In TS-850_450_690@yahoogroups.com, Bob Snelgrove <steelgtr@i...>
>wrote:
>> Thanks, Max
>>
>> Could anyone explain how to interpret the directions?
>>
>> thx
>>
>> bob
>
>To do the alignment properly Bob you really need a calibrated signal
>generator. Basicall you inject no signal and adjust the meter to
>show zero, then up the input to the proper valuie and adjust the
>meter to S1, then up it again to the proper level and adjust the S9
>pot. Without a calibrated generator you would just be guessing at
>the levels. The S-zero is the easy one.
>
>Max
>
>
>
>THANKS FOR USING TS-850_450_690@...
>
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>
>

# 1540. Re: [TS-850_450_690] Re: S-Meter adjustment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-11 04:39:23 UTC
From: Bill
Topic: 1519  Message: 1540

To set the S9 level without a generator, get on 40m at
night with a dipole, inverted VEE or g5rv thru a
tuner. Find the guys at the low end of the fone band
that run power. Set them to 10-20 over nine.

or, get on 20m with vertical, and find someone running
100 watts with a good clear signal, but not
overpowering. Set him to s7 to s9.

Then just tune around and see if it sounds "about
right"... or looks about right, or something.

S meters are approximations anyway, they should
satisfy the owner by kicking up the right amount with
strong sigs.

Don't use ten meters... I have given guys 599 or 59
reports, with s2 showing... hi!

bill
--- Max <ve3tmt@...> wrote:
> --- In TS-850_450_690@yahoogroups.com, Bob Snelgrove
> <steelgtr@i...>
> wrote:
> > Thanks, Max
> >
> > Could anyone explain how to interpret the
> directions?
> >
> > thx
> >
> > bob
>
> To do the alignment properly Bob you really need a
> calibrated signal
> generator. Basicall you inject no signal and adjust
> the meter to
> show zero, then up the input to the proper valuie
> and adjust the
> meter to S1, then up it again to the proper level
> and adjust the S9
> pot. Without a calibrated generator you would just
> be guessing at
> the levels. The S-zero is the easy one.
>
> Max

>
>

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# 1541. Re: [TS-850_450_690] Re: TS-850 X44-3120

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-12 00:57:43 UTC
From: Bill
Topic: 1494  Message: 1541

--- g0lgj <yahoo@...> wrote:
> Hi Bill thanks much appreciated
> Yes large bd contains IF unit out. around 3cm from
> that connector sq
> would be great. A idle hand !! not mine I hasten to
> add caused the
> fire, chatting to him on 2M while it happened :( was
> on may way round
> to look !!!! Problem with relay the transistor that
> "burnt" is the
> one that controls signal RL. Q43 ,r274,R273 area. I
> hope that is
> enough information.
>
> Mark
>
>
> -- In TS-850_450_690@yahoogroups.com, Bill
> <coorsbill@y...> wrote:
> > Also there are several "rf units" in the 850; I
> > presume you want the big one that's on the bottom
> > chassis, and where it feeds over to the IF unit?
> >
> > b
> >
> > --- g0lgj <yahoo@a...> wrote:
> > > Hi does anyone have a bd layout of the above
> board
> > > the RF unit , I
> > > have a dead 850 which has had a small fire on
> board
> > > !!! and cannot
> > > see the tracks. It is underside of the board
> near to
> > > the if out I am
> > > interested in .
> > > 73 de Mark
> > > G0LGJ
> > >
> > >
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[Non-text portions of this message have been removed]

# 1542. Help With DiPole Antenna?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-12 23:43:03 UTC
From: Bob Snelgrove
Topic: 1542  Message: 1542

Hi Gang,

I have my 33' (x2) dipole laying on the roof of my house.

Question 1: Would raising it even 5' or so off the roof make a noticeable performance difference? 10'?

Question 2: If I make an inverted V out of it, how critical is it that the V remains a straight line? Could both halves of the dipole be less than a 180° straight line. maybe 90° degrees or so? (Think of the swept back wings of a jet plane) I'm not talking about the angle formed by the height of the pole, but the outer ends of each wire being closer to each other, if that makes sense?

This is mostly for 40 meter SWL for now.

thx

bob

# 1543. Re: [TS-850_450_690] Help With DiPole Antenna?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-13 00:53:59 UTC
From: Bill
Topic: 1542  Message: 1543

ten feet is good. Try to keep it away from the house if you can, lots of computer/smps hash/etc in there.

bringing the ends together from 180 deg should not be done if avoidable... it will mess up the swr and bandwidth, and the pattern.

It would be better if you used a couple extra insulators and "zig-zagged" the antenna legs as compliments of each other, or even in a squarish U shape would be OK

b

Bob Snelgrove <steelgtr@...> wrote:
Hi Gang,

I have my 33' (x2) dipole laying on the roof of my house.

Question 1: Would raising it even 5' or so off the roof make a noticeable performance difference? 10'?

Question 2: If I make an inverted V out of it, how critical is it that the V remains a straight line? Could both halves of the dipole be less than a 180? straight line. maybe 90? degrees or so? (Think of the swept back wings of a jet plane) I'm not talking about the angle formed by the height of the pole, but the outer ends of each wire being closer to each other, if that makes sense?

This is mostly for 40 meter SWL for now.

thx

bob

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# 1544. Re: [TS-850_450_690] Help With DiPole Antenna?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-13 14:19:34 UTC
From: Bruce Muscolino
Topic: 1542  Message: 1544

Bob,

For SWLing it makes little difference if the antenna is laying on the roof or elevated. When you start to transmit though, it will make a difference. Being in close proximity to the roof will de-tune the antenna. Any metal, even insulation inside the roof will reduce your transmitted signal.

From personal experience, bringing the ends of an inverted V closer together will not affect the antenna that much. It will affect the feed point impedance and the pattern, but you can overcome those effects.

63
>
> Question 1: Would raising it even 5' or so off the roof make a noticeable
> performance difference? 10'?
>
> Question 2: If I make an inverted V out of it, how critical is it that the
> V remains a straight

# 1545. Hey Bob . . . . FORGET the dipole

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-13 18:08:35 UTC
From: W. Hansen
Topic: 1542  Message: 1545

Hi Bob,

In your post you wrote:

"I have my 33' (x2) dipole laying on the roof of my house."

Now I am not sure if the total length of the dipole is 33' or 66'.
Either way, I think it will be in your best interest to consider
changing that 'highly restrictively dipole' antenna into a 'highly
productive Windom' antenna.

It is extremely fast and easy to do.

Take a look at this web page. It will tell you everything you need to
know.

Click on this link:
http://www.packetradio.com/windom.htm

Everybody in ham radio has their "thing". My "thing" is building
antennas. I use a 66.8' Windom as my reference antenna which covers 10
through 40 meters.

You will be amazed at the results.

Also, Get you antenna off the roof! Usually, the higher the better.
The difference is not linear...it is logarithmic.

Bill
k0owo

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# 1546. Re: [TS-850_450_690] Hey Bob . . . . FORGET the dipole

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-14 00:25:57 UTC
From: Bruce Muscolino
Topic: 1542  Message: 1546

An interesting treatise on an excellent all band antenna. I used a Windom in 1956 as my first antenna and found it worked well. Mine was 135 feet overall. The difference between 1956 and what he recommends are the length and the fact that I used a B&W balun. These were open wire and designed to be shack mounted. The Windom was fed with 300 ohm twin lead. A total run of about 100 feet!

However, today's technology makes use of an 88 foot flat top doublet. This antenna can be found explained on L B Cebick's web page. It is a traditional doublet, center fed, with either 300 ohm or 450 ohm line. It works from 80 through 10 meters.

Modern antenna technology does require an antenna tuner though. However this is far more a function of modern rig output circuitry than the feed line. A balun is required in any case to feed a doublet type antenna.

Something the author does not tell you is the origin of the Windom. The original Windom was developed by Loren Windom an EE student at Ohio State. I have heard the design came about because he needed a topic for a senior paper and used his ham antenna as the subject.
The original Windom was NOT fed with open wire or twin lead. It was fed with a SINGLE WIRE feed line. No report was given on what grade he got on his paper. Interested readers can find the original ha article in QST.

73

# 1547. Re: [TS-850_450_690] Hey Bob . . . . FORGET the dipole

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-14 01:20:03 UTC
From: Bill
Topic: 1542  Message: 1547

My first Windom was a true, single wire feed, using a small Johnson Matchbox. Worked like a charm on all bands! Did not have WARC then.

It was 132 feet long, about 50 feet up in some old cottonwoods, and a single wire fed against an OK ground (wet soil, leaking sewer pipe, 8' ground rod!)

bill

Bruce Muscolino <w6toy@...> wrote:
...

Something the author does not tell you is the origin of the Windom. The original Windom was developed by Loren Windom an EE student at Ohio State. I have heard the design came about because he needed a topic for a senior paper and used his ham antenna as the subject.
The original Windom was NOT fed with open wire or twin lead. It was fed with a SINGLE WIRE feed line. No report was given on what grade he got on his paper. Interested readers can find the original ha article in QST.

73

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# 1548. Additional 6 Khz filter for the 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-14 21:53:03 UTC
From: Duncan Cameron
Topic: 1548  Message: 1548

Has anyone attempted installation of a 6 Khz filter in the 500 slot
for the 455 IF? Any recommendation for a filter to use?
Thanks
Scott Cameron

# 1549. Re: Additional 6 Khz filter for the 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-15 16:14:49 UTC
From: rsakabu
Topic: 1548  Message: 1549

--- In TS-850_450_690@yahoogroups.com, "Duncan Cameron" <dxer10@h...>
wrote:
> Has anyone attempted installation of a 6 Khz filter in the 500 slot
> for the 455 IF? Any recommendation for a filter to use?
> Thanks
> Scott Cameron

I don't have a recommendation for the 455 kHz filter Scott, but I've tried a YK88A-1 6kHz filter in the TS-850's 8.83 MHz C slot and ran some listening tests switching between the two filters with the 455 filter in the 6 and 12 kHz position. It didn't seem to make much of a difference either way. I'm here in the US west coast where the European big guns aren't quite as strong so maybe elsewhere in real strong and crowded SWBC conditions, it may make more of a difference.

73
Roy
AD6ZU

# 1550. 6 Khz filter for the 850 bum steer

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-15 17:13:04 UTC
From: rsakabu
Topic: 1548  Message: 1550

--- In TS-850_450_690@yahoogroups.com, "rsakabu" <rsakabu@p...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "Duncan Cameron" <dxer10@h...>
> wrote:
> > Has anyone attempted installation of a 6 Khz filter in the 500 slot
> > for the 455 IF? Any recommendation for a filter to use?
> > Thanks
> > Scott Cameron
>
> I don't have a recommendation for the 455 kHz filter Scott, but I've
> tried a YK88A-1 6kHz filter in the TS-850's 8.83 MHz C slot and ran
> some listening tests switching between the two filters with the 455
> filter in the 6 and 12 kHz position. It didn't seem to make much of a
> difference either way. I'm here in the US west coast where the
> European big guns aren't quite as strong so maybe elsewhere in real
> strong and crowded SWBC conditions, it may make more of a difference.
>
> 73
> Roy
> AD6ZU

Oops Sorry Scott,
I did some more testing this morning with the 850 and the YK88A-1 and it does indeed help out in crowded conditions. I went QRM hunting with the 850 hooked up to the SM-220/BS-8 deliberately looking for adjacent SWBC stations. With a strong station 5kHz away, the heterodyne heard with a single 6 kHz stock filter is slightly reduced with the stock filters cascaded, but it is wiped out with the YK88A-1. So if you do a lot of SWL, I would say the extra filter is a good recommendation. If you don't, simply use SSB ECCS and you can get rid of the interference if it is only on one side.
The YK88A-1 is highly valued and overpriced on ebay, but Inrad makes a plug in replacement, the model 100 for $98.
Sherwood Engineering makes 6 kHz 455 IF mechanical filters which should be even better, but it is not a plug in filter, you'll have to make your own board or wire it up with some mini coax.

# 1551. Re: [TS-850_450_690] 6 Khz filter for the 850 bum steer

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-15 18:48:39 UTC
From: Bob Snelgrove
Topic: 1548  Message: 1551

Does this replace the stock 6khz filter that is in the 8.83 slot?

thx

bob

At 05:13 PM 11/15/2003 -0000, you wrote:
>--- In TS-850_450_690@yahoogroups.com, "rsakabu" <rsakabu@p...> wrote:
>> --- In TS-850_450_690@yahoogroups.com, "Duncan Cameron" <dxer10@h...>
>> wrote:
>> > Has anyone attempted installation of a 6 Khz filter in the 500 slot
>> > for the 455 IF? Any recommendation for a filter to use?
>> > Thanks
>> > Scott Cameron
>>
>> I don't have a recommendation for the 455 kHz filter Scott, but I've
>> tried a YK88A-1 6kHz filter in the TS-850's 8.83 MHz C slot and ran
>> some listening tests switching between the two filters with the 455
>> filter in the 6 and 12 kHz position. It didn't seem to make much of a
>> difference either way. I'm here in the US west coast where the
>> European big guns aren't quite as strong so maybe elsewhere in real
>> strong and crowded SWBC conditions, it may make more of a difference.
>>
>> 73
>> Roy
>> AD6ZU
>
>Oops Sorry Scott,
> I did some more testing this morning with the 850 and the YK88A-1
>and it does indeed help out in crowded conditions. I went QRM hunting
>with the 850 hooked up to the SM-220/BS-8 deliberately looking for
>adjacent SWBC stations. With a strong station 5kHz away, the
>heterodyne heard with a single 6 kHz stock filter is slightly reduced
>with the stock filters cascaded, but it is wiped out with the YK88A-1.
> So if you do a lot of SWL, I would say the extra filter is a good
>recommendation. If you don't, simply use SSB ECCS and you can get rid
>of the interference if it is only on one side.
> The YK88A-1 is highly valued and overpriced on ebay, but Inrad makes
>a plug in replacement, the model 100 for $98.
> Sherwood Engineering makes 6 kHz 455 IF mechanical filters which
>should be even better, but it is not a plug in filter, you'll have to
>make your own board or wire it up with some mini coax.
>
>
>
>THANKS FOR USING TS-850_450_690@...

>
>Your use of Yahoo! Groups is subject to http://docs.yahoo.com/info/terms/
>
>
>

# 1552. Re: [TS-850_450_690] 6 Khz filter for the 850 bum steer

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-17 19:30:43 UTC
From: SJD N6RRV
Topic: 1548  Message: 1552

i have a 4.0 inrad in the 8.83 (270 slot) and a 2.8 inrad in the 455 (5oo alot)...AND IT WORKS GREAT , WITH THE DSP 100, THE TX BANDWIETH IS CAPABLE TO GO OUT TO 6.0 KHZ AND ON RV, THE BANDWIDTH GOES OUT FURTHER...

SCOTT J. DICKINSON N6RRV
----- Original Message -----
From: Bob Snelgrove
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, November 15, 2003 10:48 AM
Subject: Re: [TS-850_450_690] 6 Khz filter for the 850 bum steer

Does this replace the stock 6khz filter that is in the 8.83 slot?

thx

bob

At 05:13 PM 11/15/2003 -0000, you wrote:
>--- In TS-850_450_690@yahoogroups.com, "rsakabu" <rsakabu@p...> wrote:
>> --- In TS-850_450_690@yahoogroups.com, "Duncan Cameron" <dxer10@h...>
>> wrote:
>> > Has anyone attempted installation of a 6 Khz filter in the 500 slot
>> > for the 455 IF? Any recommendation for a filter to use?
>> > Thanks
>> > Scott Cameron
>>
>> I don't have a recommendation for the 455 kHz filter Scott, but I've
>> tried a YK88A-1 6kHz filter in the TS-850's 8.83 MHz C slot and ran
>> some listening tests switching between the two filters with the 455
>> filter in the 6 and 12 kHz position. It didn't seem to make much of a
>> difference either way. I'm here in the US west coast where the
>> European big guns aren't quite as strong so maybe elsewhere in real
>> strong and crowded SWBC conditions, it may make more of a difference.
>>
>> 73
>> Roy
>> AD6ZU
>
>Oops Sorry Scott,
> I did some more testing this morning with the 850 and the YK88A-1
>and it does indeed help out in crowded conditions. I went QRM hunting
>with the 850 hooked up to the SM-220/BS-8 deliberately looking for
>adjacent SWBC stations. With a strong station 5kHz away, the
>heterodyne heard with a single 6 kHz stock filter is slightly reduced
>with the stock filters cascaded, but it is wiped out with the YK88A-1.
> So if you do a lot of SWL, I would say the extra filter is a good

>recommendation. If you don't, simply use SSB ECCS and you can get rid
>of the interference if it is only on one side.
> The YK88A-1 is highly valued and overpriced on ebay, but Inrad makes
>a plug in replacement, the model 100 for $98.
> Sherwood Engineering makes 6 kHz 455 IF mechanical filters which
>should be even better, but it is not a plug in filter, you'll have to
>make your own board or wire it up with some mini coax.
>
>
>
>THANKS FOR USING TS-850_450_690@...
>
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>
>

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[Non-text portions of this message have been removed]

# 1553. Re: 6 Khz filter for the 850 bum steer

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-15 22:25:39 UTC
From: rsakabu
Topic: 1548  Message: 1553

--- In TS-850_450_690@yahoogroups.com, Bob Snelgrove <steelgtr@i...>
wrote:
> Does this replace the stock 6khz filter that is in the 8.83 slot?
>
> thx
>
> bob
>
I suppose you could wire it that way, but I simply put it into the
8.83 MHz slot marked "C". This is activated by setting hte dip
switch in the top compartment and engaged when setting the 8.83
MHz "500 Hz" filter setting on the front panel.

# 1554. Re: [TS-850_450_690] Re: 6 Khz filter for the 850 bum steer

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-16 02:06:08 UTC
From: Bob Snelgrove
Topic: 1548  Message: 1554

Sorry

I'm still confused. Is this just a better version of the stock filter?
(Same value, better quality)?

thx

bob

At 10:25 PM 11/15/2003 -0000, you wrote:
>--- In TS-850_450_690@yahoogroups.com, Bob Snelgrove <steelgtr@i...>
>wrote:
>> Does this replace the stock 6khz filter that is in the 8.83 slot?
>>
>> thx
>>
>> bob
>>
> I suppose you could wire it that way, but I simply put it into the
>8.83 MHz slot marked "C". This is activated by setting hte dip
>switch in the top compartment and engaged when setting the 8.83
>MHz "500 Hz" filter setting on the front panel.
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>
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>
>
>

# 1555. Got My Ticket !

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-16 03:48:14 UTC
From: Bob Snelgrove
Topic: 1555  Message: 1555

Hi Guys

Passed my tech exam today. Now, on to code :)

Thanks for all the help and info as I learn this fun new hobby!

bob

# 1556. Re: [TS-850_450_690] Got My Ticket !

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-16 04:01:01 UTC
From: Bill
Topic: 1555  Message: 1556

Great, Bob, glad to hear it!

got 2m rig yet?

b

Bob Snelgrove <steelgtr@...> wrote:
Hi Guys

Passed my tech exam today. Now, on to code :)

Thanks for all the help and info as I learn this fun new hobby!

bob

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[Non-text portions of this message have been removed]

# 1557. Re: [TS-850_450_690] Got My Ticket !

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-16 04:18:42 UTC
From: Bob Snelgrove
Topic: 1555  Message: 1557

Thx, Bill

No, 220 first. My friend runs 2 repeaters that cover the santa clara
valley :)

bob

At 08:01 PM 11/15/2003 -0800, you wrote:
>Great, Bob, glad to hear it!
>
>got 2m rig yet?
>
>b
>
>Bob Snelgrove <steelgtr@...> wrote:
>Hi Guys
>
>Passed my tech exam today. Now, on to code :)
>
>Thanks for all the help and info as I learn this fun new hobby!
>
>
>
>bob
>
>
>
>
>
>
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>THANKS FOR USING TS-850_450_690@...
>
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>
>
>
>see our website www.amateur-repairs.com
>
>
>---------------------------------
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>
>[Non-text portions of this message have been removed]

>
>
>
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>
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>
>

# 1558. 60 meter ARRL test

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-16 04:49:47 UTC
From: Paul Manuel
Topic: 1555  Message: 1558

Hi folks!
I just came upon an interesting test of the TS-850 and a few other rigs
with regard to 60 meter operation. Perhaps many of you are familiar with
this, but I had not seen it before:

http://www.arrl.org/tis/info/pdf/Sixty-Meter-Operation-with-Modified-Radios.pdf

73,
Paul K4PDM

_____
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# 1559. Special event Station N7V Operating

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-16 05:30:41 UTC
From: Larry Simon
Topic: 1559  Message: 1559

Bill,

I hope this is OK to post, I thought it might be of interest for some people.

This weekend Special Event Station N7V is again Operating from Nellis AFB. It started today but they never got me the operating frequencies until today when I got there to work. We will start operations tomorrow at about 7:30 AM PST until 4:00 PM PST.

Operating frequencies are:
7.260 MHz
14.260 MHz
21.360 MHz
28.460 MHz

Also if conditions force us to use 17 M and 12 M the frequencies used will be 18.160 MHz and 24.960 MHz. We will try to operate within + or - 10 kHz as band crowding permits.

Larry
KC7QJO
AFMARS AFA6BR
www.nellisrac.org

[Non-text portions of this message have been removed]

# 1560. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-16 23:03:22 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 1560

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /Kenwood TS-850 external control.pdf
Uploaded by : ac742a <ac742@...>
Description : TS-850 series External Control Instruction Manual

You can access this file at the URL

http://groups.yahoo.com/group/TS-850_450_690/files/Kenwood%20TS-850%20external%20control.pdf

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ac742a <ac742@...>

# 1561. TS-850 External Control Intruction Manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-16 23:11:16 UTC
From: ac742a
Topic: 1561  Message: 1561

I've uploaded to the files area a copy of the TS-850 External Control Intruction Manual in case anyone is curious about the computer commands/settings for your TS-850. This Manual is not that easy to find, but I did manage to find one eventually on the Net.

73

Greg Danylchenko/VE3YTZ

# 1562. SSB Filters: Need To Learn More

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-17 01:19:24 UTC
From: Bob Snelgrove
Topic: 1562  Message: 1562

Hi Gang

I'm still confused about what filters do and how they work. Sometimes they seem to make or break whether I can hear and other times seem like nothing more than a fine "tone control" Any websites that have a nice simple primer on how filters work?

I'm mostly listening to 40 and 20 meters, SSB. My TS-850 has the 8.83 switch: (off, 6K, 2.7K.) 455 switch: (12k, 6K, and 2.7K) ( no off)

73's

bob

# 1563. Re: [TS-850_450_690] TS-850 External Control Intruction Manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-17 01:50:45 UTC
From: Bill
Topic: 1561  Message: 1563

Thanks Greg!!!

ac742a <ac742@...> wrote:I've uploaded to the files area a copy of the TS-850 External Control
Intruction Manual in case anyone is curious about the computer
commands/settings for your TS-850. This Manual is not that easy to
find, but I did manage to find one eventually on the Net.

73

Greg Danylchenko/VE3YTZ

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[Non-text portions of this message have been removed]

# 1565. Re: SSB Filters: Need To Learn More

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-17 04:16:07 UTC
From: Max
Topic: 1562  Message: 1565

--- In TS-850_450_690@yahoogroups.com, Bob Snelgrove <steelgtr@i...>
wrote:
> Hi Gang
>
> I'm still confused about what filters do and how they work.
Sometimes they
> seem to make or break whether I can hear and other times seem like
nothing
> more than a fine "tone control" Any websites that have a nice
simple primer
> on how filters work?
>
> I'm mostly listening to 40 and 20 meters, SSB. My TS-850 has the
8.83
> switch: (off, 6K, 2.7K.) 455 switch: (12k, 6K, and 2.7K) ( no off)
>
> 73's
>
> bob

Bob,

The filters basically determine the bandwidth of the IF response in the radio. So the narrower the filter the less you are going to hear. For example..take your average SSB signal. Lets say I am yakking away on 20m at a bandwidth of 2.4 khz as selected in my rig. If you are also running the 2.4 khz filter on receive, you will hear just about 100% of my transmitted bandwidth. No lets say you kick in the optional 1.8 khz filter. All of a sudden my signal has lost its brilliance. You may still be able to hear me but I do not sound as good as before. Your narrower filter is chopping off some of my bandwidth. Now on the opposite end it you were to engage you 6 khz AM filter, you will hear me about as good as before, but with a lot of hash around me from other stations. This is because your radio is now passing more of a bandwidth than my signal. You can think of it as a tone control but it is not working with audio frequencies as you know in a stereo set. The width of the filter determines what your radio will pass on to the audio stages. CW filters are narrower even more because CW is a very narrow mode, as is PSK. You only want to hear the signal you are trying to copy, nothing else. So you always use the narrowest filter for the job. Now listen to the guys on 14.178 running 4-6 khz SSB. Engage the 2.4 filter in the 8.83 IF and select the 12K in the 455 IF. Listen for a second and then put the 8.83 filter in the off position. Hear the bass and fidelity come up on their signals. Unless you have the wide filters

in place you won't hear the correct bandwidth.

Confused yet?? I am.

73,
Max

# 1566. Re: [TS-850_450_690] Re: SSB Filters: Need To Learn More

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-17 15:37:19 UTC
From: Bob Snelgrove
Topic: 1562  Message: 1566

Thanks, Max

Great explanation :)

Do the filters work on transmit, too?

bob

At 04:13 AM 11/17/2003 -0000, you wrote:
>--- In TS-850_450_690@yahoogroups.com, Bob Snelgrove <steelgtr@i...>
>wrote:
>> Hi Gang
>>
>> I'm still confused about what filters do and how they work.
>Sometimes they
>> seem to make or break whether I can hear and other times seem like
>nothing
>> more than a fine "tone control" Any websites that have a nice
>simple primer
>> on how filters work?
>>
>> I'm mostly listening to 40 and 20 meters, SSB. My TS-850 has the
>8.83
>> switch: (off, 6K, 2.7K.) 455 switch: (12k, 6K, and 2.7K) ( no off)
>>
>> 73's
>>
>> bob
>
>Bob,
>
>The filters basically determine the bandwidth of the IF response in
>the radio. So the narrow the filter the less you are going to hear.
>For example..take your average SSB signal. Lets say I am yakking
>away on 20m at a bandwidth of 2.4 khz as selected in my rig. If you
>are also running the 2.4 khz filter on receive, you will hear just
>about 100% of my transmitted bandwidth. No lets say you kick in the
>optional 1.8 khz filter. All of a sudden my signal has lost its
>brilliance. You may still be able to hear me but I do not sound as
>good as before. Your narrower filter is chopping off some of my
>badwidth. Now on the opposite end it you were to engage you 6 khz
>AM filter, you will hear me about as good as before, but with a lot
>of has around me from other stations. This is because your radio is
>now passing more of a bandwidth than my signal. You can think of it
>as a tone control but it is not working with audio frequencies as
>you know in a stereo set. The width of the filter determines what

>your radio will pass on to the audio stages. CW filters are
>narrower even more because CW is a very narrow mode, as is PSK. You
>only want to hear the signal you are trying to copy, nothing else.
>So you always use the narrowest filter for the job. Now listen to
>the guys on 14.178 running 4-6 khz SSB. Engage the 2.4 filter in
>the 8.83 IF and select the 12K in the 455 IF. Listen for a second
>and then put the 8.83 filter in the off position. Hear the bass and
>fidelity come up on their signals. Unless you have the wide filters
>in place you won't hear the correct bandwidth.
>
>Confused yet?? I am.
>
>73,
>Max
>
>
>
>THANKS FOR USING TS-850_450_690@...
>
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>
>

# 1567. Re: SSB Filters: Need To Learn More

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-17 21:57:30 UTC
From: Max
Topic: 1562  Message: 1567

--- In TS-850_450_690@yahoogroups.com, Bob Snelgrove <steelgtr@i...>
wrote:
> Thanks, Max
>
> Great explanation :)
>
> Do the filters work on transmit, too?
>
> bob

In the 850 you can enable a menu item to allow them to work in TX mode as well. That is what is so nice about the 850. Very versatile. Well I have traded my 570SG for another TS850, which should be here early next week. Will be glad to have another one back in the shack. I really missed mine. I will be sure to hang onto this one.

Max

# 1568. Re: [TS-850_450_690] Re: SSB Filters: Need To Learn More

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-17 22:04:26 UTC
From: Bob Snelgrove
Topic: 1562  Message: 1568

Congrats, Max

They seem to be well respected rig even if long in the tooth :)

I'll have to look that up in the owner's manual.

thx

bob

At 09:57 PM 11/17/2003 -0000, you wrote:
>--- In TS-850_450_690@yahoogroups.com, Bob Snelgrove <steelgtr@i...>
>wrote:
>> Thanks, Max
>>
>> Great explanation :)
>>
>> Do the filters work on transmit, too?
>>
>> bob
>
>
>In the 850 you can enable a menu item to allow them to work in TX
>mode as well. That is what is so nice about the 850. Very
>versatile. Well I have traded my 570SG for another TS850, which
>should be here early next week. Will be glad to have another one
>back in the shack. I really missed mine. I will be sure to hang
>onto this one.
>
>Max
>
>
>
>THANKS FOR USING TS-850_450_690@...
>
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>
>

# 1569. [Kenwood] Got My Ticket !

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-16 03:48:14 UTC
From: Bob Snelgrove
Topic: 1569  Message: 1569

Hi Guys

Passed my tech exam today. Now, on to code :)

Thanks for all the help and info as I learn this fun new hobby!

bob

- - -

Your moderator for this list is:
Larry Wilson KE1HZ kenwood-owner@...

_____
Kenwood mailing list
Kenwood@...
http://mailman.qth.net/mailman/listinfo/kenwood

# 1570. 850 mods from a seasoned user POV

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-18 21:16:27 UTC
From: k8tdj
Topic: 1570  Message: 1570

Max; I see you are getting another 850, congrats! As a "seasoned" user, I was wondering just what modsyou were planning to implement on this your supposedly "last" 850? Could be fodder for an interesting thread for us other 850 users. 73, Jim K8TDJ

# 1571. Re: 850 mods from a seasoned user POV

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-19 21:10:32 UTC
From: Max
Topic: 1570  Message: 1571

--- In TS-850_450_690@yahoogroups.com, "k8tdj" <k8tdj@c...> wrote:
> Max; I see you are getting another 850, congrats! As a "seasoned"
> user, I was wondering just what modsyou were planning to implement
> on this your supposedly "last" 850? Could be fodder for an
> interesting thread for us other 850 users. 73, Jim K8TDJ

Hi Jim & group,

From the day my first 850 left my side, I have been sad and blue. But rejoice is near!! Really looking forward to using a real radio again. The 570 I let go was pretty good in its own right, but to tell you the truth I have never had another radio that sounded as good as the 850. As for the mods, first I will check and see what has been done, but I believe it is a stock radio, serial number in the 30 mil range. I will "sweeten" it up as I did the first including the following:

Balanced modulator feed for AM/SSB - a very easy one to do - I use a studio mic and Behringer EQ with mine.
Broadcast band sensitivity mod
Front panel sidetone mod
Noise blanker mod

I will also run the receive audio to pin 6 on the mic jack. This allows me to use my computer headset/mic for contesting. I may add an accessory 12V jack to the rear of the rig to power either my RS232 interface or my SGC tuner. Also I will check the battery for leakage, and measure the ALC voltage coming out of the DC-DC convertor board. If it is low, I will do that repair at the same time as the NB mod as they are on the same board. Got my SM220 yesterday and took it all apart and gave it a good bath. Painted the covers last night to match the darker Kenwood radios, and it is ready for action.

Bill, I have a question for you. Is it possible to buy the small 6 pin Molex plug that mates with the one on the 850 used for the Kenwood tuner?

Max

# 1572. keying problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-20 02:42:02 UTC
From: n9pf
Topic: 1572  Message: 1572

hey gang - am using a homebrew electronic keyer on my450s. when keying on 40m cw, the dahs "stick". the dits are fine. when i lower the power to <50 watts, the problem goes away. this does not happen on other bands. any ideas? is it the rig or the keyer? any solutions? help please? thanks and 73......n9pf/paul

# 1573. Re: keying problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-20 02:54:58 UTC
From: Max
Topic: 1572  Message: 1573

--- In TS-850_450_690@yahoogroups.com, "n9pf" <n9pf@y...> wrote:
> hey gang - am using a homebrew electronic keyer on my450s. when
> keying on 40m cw, the dahs "stick". the dits are fine. when i
lower
> the power to <50 watts, the problem goes away. this does not
happen
> on other bands. any ideas? is it the rig or the keyer? any
solutions?
> help please? thanks and 73......n9pf/paul

First thing that comes to mind Paul is RF getting back into the rig. A couple of things you could try, maybe you already have.

Try sending into a dummy load if you have one. This would tell whether or not it is RF. Also have you tried doing the same thing in SSB? Anyone complain of RF on your signal? Does it only do it on 40m? If so it could be RF. Try adding a length of coax to your run and try it again on the same frequency.

Keep us updated.

Max

# 1574. Re: [TS-850_450_690] Re: 850 mods from a seasoned user POV

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-20 04:26:10 UTC
From: Phil
Topic: 1570  Message: 1574

Max,

could you point me to a website where I can find more info on the DC/DC mod for ALC.
and I 'd love to hear about the balanced mic mod to, I use a behringer to ...
If possible, I like to see the mod on pictures + text, so I can prepare it the best way possible.

Thank
Phil, ON4VP
----- Original Message -----
From: Max
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, November 19, 2003 10:10 PM
Subject: [TS-850_450_690] Re: 850 mods from a seasoned user POV

--- In TS-850_450_690@yahoogroups.com, "k8tdj" <k8tdj@c...> wrote:
> Max; I see you are getting another 850, congrats! As a "seasoned"
> user, I was wondering just what modsyou were planning to implement
> on this your supposedly "last" 850? Could be fodder for an
> interesting thread for us other 850 users. 73, Jim K8TDJ

Hi Jim & group,

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But rejoice is near!! Really looking forward to using a real radio again. The 570 I let go was pretty good in its own right, but to tell you the truth I have never had another radio that sounded as good as the 850. As for the mods, first I will check and see what has been done, but I believe it is a stock radio, serial number in the 30 mil range. I will "sweeten" it up as I did the first including the following:

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Broadcast band sensitivity mod
Front panel sidetone mod
Noise blanker mod

I will also run the receive audio to pin 6 on the mic jack. This allows me to use my computer headset/mic for contesting. I may add an accessory 12V jack to the rear of the rig to power either my RS232 interface or my SGC tuner. Also I will check the battery for leakage, and measure the ALC voltage coming out of the DC-DC convertor board. If it is low, I will do that repair at the same time as the NB mod as they are on the same board. Got my SM220 yesterday and took it all apart and gave it a good bath. Painted the covers last night to match the darker Kenwood radios, and it is

ready for action.

Bill, I have a question for you. Is it possible to buy the small 6 pin Molex plug that mates with the one on the 850 used for the Kenwood tuner?

Max

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[Non-text portions of this message have been removed]

# 1575. Re: [TS-850_450_690] keying problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-20 04:46:46 UTC
From: Zack Widup
Topic: 1572  Message: 1575

Are the connectors to the paddle bypassed where they come into the case
of the keyer? How about the power leads? If not, you might want to put
0.01 uF caps at those places.

73, Zack W9SZ

On Thu, 20 Nov 2003, n9pf wrote:

> hey gang - am using a homebrew electronic keyer on my450s. when
> keying on 40m cw, the dahs "stick". the dits are fine. when i lower
> the power to <50 watts, the problem goes away. this does not happen
> on other bands. any ideas? is it the rig or the keyer? any solutions?
> help please? thanks and 73......n9pf/paul
>

# 1576. Re: [Kenwood] TS-850 repair shop??

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-20 07:06:34 UTC
From: Bob Snelgrove
Topic: 1576  Message: 1576

Isn't Coors from Colorado, BILL ?? :)

bob

At 03:35 AM 11/20/2003 +0000, you wrote:
>I am new to this group.
>
>I have a TS-850 that has a couple of problems. I live East of Denver
>so I am looking for some repair shop or repair person in the Denver or
>Boulder area if possible.
>
>Can anyone make a recommendation for a good Kenwood repair station in
>Colorado? Or, if not in Colorado anywhere. Or is the rig so complex
>that I would be better off just shipping it to Kenwood?
>
>-Martin
>
>
>
>_____
>Want to chat instantly with your online friends? Get the FREE Yahoo!
>Messenger http://mail.messenger.yahoo.co.uk
>- - -
>
>Your moderator for this list is:
>Larry Wilson KE1HZ kenwood-owner@...
>
>_____
>Kenwood mailing list
>Kenwood@...
>http://mailman.qth.net/mailman/listinfo/kenwood
>

# 1577. Re: 850 mods from a seasoned user POV

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-20 11:47:27 UTC
From: Max
Topic: 1570  Message: 1577

--- In TS-850_450_690@yahoogroups.com, "Phil" <e-groups@p...> wrote:
> Max,
>
> could you point me to a website where I can find more info on the DC/DC mod for ALC.
> and I 'd love to hear about the balanced mic mod to, I use a behringer to ...
> If possible, I like to see the mod on pictures + text, so I can prepare it the best way possible.
>
> Thank
> Phil, ON4VP

Phil,

For the modulator feed go here : http://www.ssb-audio.com/ka0ka/
Read the whole site. There is a wealth of info on there. I believe the modulator feed is under the "AM MODS" section.

The DC-DC thing is actually more than a repair than a mod. If you notice your output power fluctuating or dropping off, the DC convertor is probably the culprit.

Check out this site: http://www.qsl.net/k0bx/ts850flu.htm

Max

# 1578. DC-DC board

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-20 12:28:00 UTC
From: Max
Topic: 1570  Message: 1578

The DC-DC convertor board is available from East Coast Transistor
for $10.31. Kenwood part # is X59-1100-00

http://www.kenwoodparts.com/

Max

# 1579. Re: [TS-850_450_690] keying problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-20 13:37:08 UTC
From: Bill K0ZL
Topic: 1572  Message: 1579

Ferrite is your friend. Ferrite is your friend. REPEAT... Ferrite... is... my... friend.

Ferrite beads #43 mat'l (or 73 I think will work too) on all cables, as many as needed.

0.001 uF disk caps across ALL connections inside the keyer.

Good metal box and cover on the keyer? Must not be plastic.

Shielded cable from keyer to rig KEY jack? yes most dubiously.

73,

bill

n9pf <n9pf@...> wrote:
hey gang - am using a homebrew electronic keyer on my450s. when
keying on 40m cw, the dahs "stick". the dits are fine. when i lower
the power to <50 watts, the problem goes away. this does not happen
on other bands. any ideas? is it the rig or the keyer? any solutions?
help please? thanks and 73......n9pf/paul

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[Non-text portions of this message have been removed]

# 1580. TS-850SAT Audio problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-20 21:03:50 UTC
From: EI6HB
Topic: 1580  Message: 1580

Hi all,

When using low power or any power for that matter on 40, 80 and 160M, and using headphones, the feedback is something terrible. I have checked the usual suspects but to no avail. There is no problem with any other band even using my linear amp.

hpe someone can help.

de Denis EI6HB
ei6hb@...

[Non-text portions of this message have been removed]

# 1581. Re: TS-850SAT Audio problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-22 04:16:56 UTC
From: Max
Topic: 1580  Message: 1581

--- In TS-850_450_690@yahoogroups.com, "EI6HB" <ei6hb@e...> wrote:
> Hi all,
>
> When using low power or any power for that matter on 40, 80 and
160M, and using headphones, the feedback is something terrible. I
have checked the usual suspects but to no avail.
> There is no problem with any other band even using my linear
amp.
>
> hpe someone can help.
>
> de Denis EI6HB
> ei6hb@e...

Denis,

Have you tried duplicating this problem into a dummy load?

# 1582. Re: [TS-850_450_690] Re: [Kenwood] TS-850 repair shop??

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-22 11:35:30 UTC
From: Bill K0ZL
Topic: 1576  Message: 1582

Colorado, Memphis and Shenandoah, VA now...

b

Bob Snelgrove <steelgtr@...> wrote:
Isn't Coors from Colorado, BILL ?? :)

bob

At 03:35 AM 11/20/2003 +0000, you wrote:
>I am new to this group.
>
>I have a TS-850 that has a couple of problems. I live East of Denver
>so I am looking for some repair shop or repair person in the Denver or
>Boulder area if possible.
>
>Can anyone make a recommendation for a good Kenwood repair station in
>Colorado? Or, if not in Colorado anywhere. Or is the rig so complex
>that I would be better off just shipping it to Kenwood?
>
>-Martin
>
>
>
>_____
>Want to chat instantly with your online friends? Get the FREE Yahoo!
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>- - -
>
>Your moderator for this list is:
>Larry Wilson KE1HZ kenwood-owner@...
>
>_____
>Kenwood mailing list
>Kenwood@...
>http://mailman.qth.net/mailman/listinfo/kenwood
>

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[Non-text portions of this message have been removed]

# 1583. 220 Mobile Opinions?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-22 16:55:05 UTC
From: Bob Snelgrove
Topic: 1583  Message: 1583

Hi Gang

Used my friend's Icom IC-3AT (HT) on Friday. Lots of fun but I want a mobile unit. The ADI and Alnico look good for the money but I have a chance to buy an older but like new Kenwood TM-631A for $250.

All opinions welcome

73's

bob

KG6TBY

# 1584. Re: [TS-850_450_690] 220 Mobile Opinions?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-22 21:53:11 UTC
From: Bill K0ZL
Topic: 1583  Message: 1584

Hi Bob,

631 is based on the 231 2M rig, which had some issues with memory loss, required a big ole mod to fix... not sure if the 631 has the same problem.

b

Bob Snelgrove <steelgtr@...> wrote:
Hi Gang

Used my friend's Icom IC-3AT (HT) on Friday. Lots of fun but I want a mobile unit. The ADI and Alnico look good for the money but I have a chance to buy an older but like new Kenwood TM-631A for $250.

All opinions welcome

73's

bob

KG6TBY

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---
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# 1585. Re: 220 Mobile Opinions?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-22 23:15:12 UTC
From: rsakabu
Topic: 1583  Message: 1585

Hello Bob,
The ADI looks a lot like the Kenwood 331. The functions, button locations and mike all look very similar. I think I heard one time that ADI bought the design rights to it for their own product. This is a good thing because Kenwood unrealistically sold the 331 for $450 which is twice the going market price for a basic 220 mobile rig.
The Alinco, which I also considered has more memories, a DB-9 port built in, a data port on the front panel, the mike connecor is in a better spot (won't get in the way of button pushing) and an alphanumeric display, not just numbers, but I bought the ADI.
Why? The big feature to me was the separate squelch knob on the ADI. On the Alinco, it is a button pushed multifunction knob adjustment. When I am operating mobile, I want to be able to adjust the squelch without looking for a button to select the setting, turn the knob, then get back into regular operating mode.
Some folks would rather have a "set and forget" mode. If that is what you prefer, get the Alinco.

73
Roy
AD6ZU

--- In TS-850_450_690@yahoogroups.com, Bob Snelgrove <steelgtr@i...>
wrote:
> Hi Gang
>
> Used my friend's Icom IC-3AT (HT) on Friday. Lots of fun but I
want a
> mobile unit. The ADI and Alnico look good for the money but I have
a chance
> to buy an older but like new Kenwood TM-631A for $250.
>
> All opinions welcome
>
> 73's
>
> bob
>
>
> KG6TBY

# 1586. Re: [TS-850_450_690] Re: 220 Mobile Opinions?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-23 00:09:05 UTC
From: Berry W6EZ
Topic: 1583  Message: 1586

I have the ADI. It is ok. I've had it for about a year and had no problems with it.
I would have bought the Kenwood, because I like to keep all things Kenwood, but the cost was just too high.

Berry W6EZ

# 1587. Re: [TS-850_450_690] Re: 220 Mobile Opinions?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-23 00:46:10 UTC
From: Bob Snelgrove
Topic: 1583  Message: 1587

Berry

Do you know anything about the Kenwood TM-631A?

73

bob

At 04:09 PM 11/22/2003 -0800, you wrote:
>I have the ADI. It is ok. I've had it for about a year and had no
>problems with it.
>I would have bought the Kenwood, because I like to keep all things
>Kenwood, but the cost was just too high.
>
>
>Berry W6EZ
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>
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>
>
>
KG6TBY

# 1588. Re: [TS-850_450_690] TS-850SAT Audio problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-23 01:41:34 UTC
From: Jerry Nmiell
Topic: 1580  Message: 1588

The phone jack on the 850 is not grounded . You could have stray RF in the shack being feed back through the headphone cord into the floating jack. Try ferrite chokes and or caps across the wires in the plug and or change the length of the headphone cord which is acting as a 40-80-160 antenna.

EI6HB <ei6hb@...> wrote:Hi all,

When using low power or any power for that matter on 40, 80 and 160M, and using headphones, the feedback is something terrible. I have checked the usual suspects but to no avail. There is no problem with any other band even using my linear amp.

hpe someone can help.

de Denis EI6HB
ei6hb@...

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# 1589. TS850S Speaker problem - PSE HELP

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-23 20:02:11 UTC
From: Markus Dully
Topic: 1589  Message: 1589

Hi,

I am a new member of the list and owned a used TS850S several months ago but
I have one problem with it:
I hear myself during transmitting out of the speaker. It does not matter if
I use internal or external speaker (I use MD100 mic or original mic)
Of course moni button is off.
The volume depends from the position of the moni control pot ! I have it of
course at "0" position but problem is still there. On postion "10" I hear me
during transmitting very loud out of the speaker with distorted mod however
the MONI BUTTON is OFF !!
The volume depends also from the PROC Control pot and the used power!
It doesn?t depends which antenna I am using. I have the problem on all bands
!
I am sure I am not alone with this problem because a friend of mine has also
a TS850 and has the same symptom.

Somebody know how to fix this problem ?

73s
Max, OE6MDF

# 1590. Re: 850 Frequency Drift... FIXED!!! :-)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-24 13:43:54 UTC
From: Joe, 1AT642
Topic: 1391  Message: 1590

OK Bill and Everybody...

After boring you all for a while with my 850 drifting some 200-250 Hz UP from cold to warm, I believe I have to let you know that first tests done today show that I probably fixed the beast...

The culprit was indeed the 20MHz Oscillator (Bill? THANK YOU!!!) :-)

Did a couple of checks before changing it...

Got a Freq. Counter from a friend... Could only read 6 digits, so I had to approximate to closest tens of Hertz but, as I said in previous posts, I'm not a fanatic of extra accurate Freq. Display... Just the drift was bothering me...

So... The 20MHz test point (TP1 on CAR board...) was @ 20.000.180 Hz when cold... After some 30 Min warm-up, it was @ 20.000.080.

A drop of spray freezer on the Xtal shifted the Oscillator some 200Hz UP, and recovery was noticeably slow...

Went ahead and replaced the Xtal (Got it from an Italian HAM Service shop... They scrapped it from a junk 930)...

First check at cold start, without touching TC5... 20.000.080 Hz... After 45 min warm-up... 20.000.060 Hz! Aha! Looks like the new Xtal is actually more "A rock" than the original one ;-)

Set TC5 for a 20.000.000 Hz reading, and reassembled the 850.

On air tests made today leave me satisfied... Probably not EXACTLY on the spot (The freq. Counter was not up-to-the-task), but close enough and, most important... NO ABNORMAL DRIFT ANYMORE!!!

A *BIG* thank you to those who gave me suggestions, and to the other readers as well, for bearing with me for my boring posts.

Final note to Bill... Still thinking of placing that order for those parts for my 850... Minus the Xtal, of course! I'll let you know...

Thanks again!!!

73 de Joe, IW7ECJ

> -----Messaggio originale-----
> Da: Bill [mailto:coorsbill@...]
> Inviato: giovedì 30 ottobre 2003 16.51
> A: TS-850_450_690@yahoogroups.com
> Oggetto: Re: [TS-850_450_690] Re: 850 Frequency Drift...

>
>
> I really think you have a bad master osc crystal, as I
> described below.. I would change it, or put in the so-2 option.
>
> bill

# 1591. Re: [TS-850_450_690] Re: 850 Frequency Drift... FIXED!!! :-)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-24 15:30:34 UTC
From: Bob Snelgrove
Topic: 1391  Message: 1591

Does anyone have info on checking this on the air? I had read somewhere
that if you tuned to WVV and switched from LSB to USB, the tone should
sound the same. Mine used to and now is off. Te site told how to calibrate
but I lost the link!

73

bob

At 02:43 PM 11/24/2003 +0100, you wrote:
>OK Bill and Everybody...
>
>After boring you all for a while with my 850 drifting some 200-250 Hz UP
>from cold to warm, I believe I have to let you know that first tests
>done today show that I probably fixed the beast...
>
>The culprit was indeed the 20MHz Oscillator (Bill? THANK YOU!!!) :-)
>
>Did a couple of checks before changing it...
>
>Got a Freq. Counter from a friend... Could only read 6 digits, so I had
>to approximate to closest tens of Hertz but, as I said in previous
>posts, I'm not a fanatic of extra accurate Freq. Display... Just the
>drift was bothering me...
>
>So... The 20MHz test point (TP1 on CAR board...) was @ 20.000.180 Hz
>when cold... After some 30 Min warm-up, it was @ 20.000.080.
>
>A drop of spray freezer on the Xtal shifted the Oscillator some 200Hz
>UP, and recovery was noticeably slow...
>
>Went ahead and replaced the Xtal (Got it from an Italian HAM Service
>shop... They scrapped it from a junk 930)...
>
>First check at cold start, without touching TC5... 20.000.080 Hz...
>After 45 min warm-up... 20.000.060 Hz! Aha! Looks like the new Xtal is
>actually more "A rock" than the original one ;-)
>
>Set TC5 for a 20.000.000 Hz reading, and reassembled the 850.
>
>On air tests made today leave me satisfied... Probably not EXACTLY on
>the spot (The freq. Counter was not up-to-the-task), but close enough
>and, most important... NO ABNORMAL DRIFT ANYMORE!!!
>
>A *BIG* thank you to those who gave me suggestions, and to the other
>readers as well, for bearing with me for my boring posts.

>
>Final note to Bill... Still thinking of placing that order for those
>parts for my 850... Minus the Xtal, of course! I'll let you know...
>
>Thanks again!!!
>
>73 de Joe, IW7ECJ
>
>> -----Messaggio originale-----
>> Da: Bill [mailto:coorsbill@...]
>> Inviato: giovedì 30 ottobre 2003 16.51
>> A: TS-850_450_690@yahoogroups.com
>> Oggetto: Re: [TS-850_450_690] Re: 850 Frequency Drift...
>>
>>
>> I really think you have a bad master osc crystal, as I
>> described below.. I would change it, or put in the so-2 option.
>>
>> bill
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
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>
>
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# 1592. Re: 850 Frequency Drift... FIXED!!! :-)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-24 17:11:34 UTC
From: Joseph
Topic: 1391  Message: 1592

Hi Bob,

The site should be THIS very place we are hosted in now :-)

Check this link:

http://groups.yahoo.com/group/TS-850_450_690/message/335

...or do a search with "SO-2" "Drift" "TC5" as keywords...

GL & 73 de Joe, IW7ECJ

Bob Snelgrove <steelgtr@i...> wrote:
> Does anyone have info on checking this on the air?
> I had read somewhere that if you tuned to WVV and
> switched from LSB to USB, the tone should
> sound the same. Mine used to and now is off.
> The site told how to calibrate
> but I lost the link!
>
> 73
>
> bob
>
>
>
>
>
>
> At 02:43 PM 11/24/2003 +0100, you wrote:
> >OK Bill and Everybody...
> >
> >After boring you all for a while with my 850 drifting some 200-250
Hz UP
> >from cold to warm, I believe I have to let you know that first
tests
> >done today show that I probably fixed the beast...
> >
> >The culprit was indeed the 20MHz Oscillator (Bill? THANK YOU!!!) :-
)
> >
> >Did a couple of checks before changing it...
> >
> >Got a Freq. Counter from a friend... Could only read 6 digits, so
I had
> >to approximate to closest tens of Hertz but, as I said in previous

> >posts, I'm not a fanatic of extra accurate Freq. Display... Just
the
> >drift was bothering me...
> >
> >So... The 20MHz test point (TP1 on CAR board...) was @ 20.000.180
Hz
> >when cold... After some 30 Min warm-up, it was @ 20.000.080.
> >
> >A drop of spray freezer on the Xtal shifted the Oscillator some
200Hz
> >UP, and recovery was noticeably slow...
> >
> >Went ahead and replaced the Xtal (Got it from an Italian HAM
Service
> >shop... They scrapped it from a junk 930)...
> >
> >First check at cold start, without touching TC5... 20.000.080 Hz...
> >After 45 min warm-up... 20.000.060 Hz! Aha! Looks like the new
Xtal is
> >actually more "A rock" than the original one ;-)
> >
> >Set TC5 for a 20.000.000 Hz reading, and reassembled the 850.
> >
> >On air tests made today leave me satisfied... Probably not EXACTLY
on
> >the spot (The freq. Counter was not up-to-the-task), but close
enough
> >and, most important... NO ABNORMAL DRIFT ANYMORE!!!
> >
> >A *BIG* thank you to those who gave me suggestions, and to the
other
> >readers as well, for bearing with me for my boring posts.
> >
> >Final note to Bill... Still thinking of placing that order for
those
> >parts for my 850... Minus the Xtal, of course! I'll let you know...
> >
> >Thanks again!!!
> >
> >73 de Joe, IW7ECJ
> >
> >> -----Messaggio originale-----
> >> Da: Bill [mailto:coorsbill@y...]
> >> Inviato: giovedì 30 ottobre 2003 16.51
> >> A: TS-850_450_690@yahoogroups.com
> >> Oggetto: Re: [TS-850_450_690] Re: 850 Frequency Drift...
> >>
> >>
> >> I really think you have a bad master osc crystal, as I
> >> described below.. I would change it, or put in the so-2 option.

> >>
> >> bill
> >
> >
> >
> >
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> KG6TBY

# 1593. Re: [TS-850_450_690] Re: 850 Frequency Drift... FIXED!!! :-)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-24 19:18:52 UTC
From: Bill K0ZL
Topic: 1391  Message: 1593

Joe, so glad you were able to resolve this. I will commence to collect those rocks when I find them for the group to use.

Let me know on the rest.

73,

Bill K0ZL

"Joe, 1AT642" <iw7ecj@...> wrote:
OK Bill and Everybody...

After boring you all for a while with my 850 drifting some 200-250 Hz UP from cold to warm, I believe I have to let you know that first tests done today show that I probably fixed the beast...

The culprit was indeed the 20MHz Oscillator (Bill? THANK YOU!!!) :-)

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Set TC5 for a 20.000.000 Hz reading, and reassembled the 850.

On air tests made today leave me satisfied... Probably not EXACTLY on the spot (The freq. Counter was not up-to-the-task), but close enough and, most important... NO ABNORMAL DRIFT ANYMORE!!!

A *BIG* thank you to those who gave me suggestions, and to the other readers as well, for bearing with me for my boring posts.

Final note to Bill... Still thinking of placing that order for those parts for my 850... Minus the Xtal, of course! I'll let you know...

Thanks again!!!

73 de Joe, IW7ECJ

> -----Messaggio originale-----
> Da: Bill [mailto:coorsbill@yahoo.com]
> Inviato: gioved? 30 ottobre 2003 16.51
> A: TS-850_450_690@yahoogroups.com
> Oggetto: Re: [TS-850_450_690] Re: 850 Frequency Drift...
>
>
> I really think you have a bad master osc crystal, as I
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>
> bill

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[Non-text portions of this message have been removed]

# 1594. Re: [TS-850_450_690] TS-850SAT Audio problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-24 20:07:27 UTC
From: Jerry Nmiell
Topic: 1580  Message: 1594

There is an article on page 70 of the April 1997 QST titled 'Headset Mikes and RF feedback in the Kenwood TS-850'. It may be of help. K3AM, Bill Savage wrote about his experience. I would send you the article but I have no scanner available.

EI6HB <ei6hb@...> wrote:Hi all,

When using low power or any power for that matter on 40, 80 and 160M, and using headphones, the feedback is something terrible. I have checked the usual suspects but to no avail. There is no problem with any other band even using my linear amp.

hpe someone can help.

de Denis EI6HB
ei6hb@...

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 1595. Re: [TS-850_450_690] Re: 850 Frequency Drift... FIXED!!! :-)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-24 20:57:54 UTC
From: Bob Snelgrove
Topic: 1391  Message: 1595

Thanks

Got it. Now if I can find TC5 :)

73

bob

At 05:11 PM 11/24/2003 -0000, you wrote:
>Hi Bob,
>
>The site should be THIS very place we are hosted in now :-)
>
>Check this link:
>
>http://groups.yahoo.com/group/TS-850_450_690/message/335
>
>...or do a search with "SO-2" "Drift" "TC5" as keywords...
>
>GL & 73 de Joe, IW7ECJ
>
>Bob Snelgrove <steelgtr@i...> wrote:
>> Does anyone have info on checking this on the air?
>> I had read somewhere that if you tuned to WVV and
>> switched from LSB to USB, the tone should
>> sound the same. Mine used to and now is off.
>> The site told how to calibrate
>> but I lost the link!
>>
>> 73
>>
>> bob
>>
>>
>>
>>
>>
>>
>> At 02:43 PM 11/24/2003 +0100, you wrote:
>> >OK Bill and Everybody...
>> >
>> >After boring you all for a while with my 850 drifting some 200-250
>Hz UP
>> >from cold to warm, I believe I have to let you know that first
>tests
>> >done today show that I probably fixed the beast...

>> >
>> >The culprit was indeed the 20MHz Oscillator (Bill? THANK YOU!!!) :-
>)
>> >
>> >Did a couple of checks before changing it...
>> >
>> >Got a Freq. Counter from a friend... Could only read 6 digits, so
>I had
>> >to approximate to closest tens of Hertz but, as I said in previous
>> >posts, I'm not a fanatic of extra accurate Freq. Display... Just
>the
>> >drift was bothering me...
>> >
>> >So... The 20MHz test point (TP1 on CAR board...) was @ 20.000.180
>Hz
>> >when cold... After some 30 Min warm-up, it was @ 20.000.080.
>> >
>> >A drop of spray freezer on the Xtal shifted the Oscillator some
>200Hz
>> >UP, and recovery was noticeably slow...
>> >
>> >Went ahead and replaced the Xtal (Got it from an Italian HAM
>Service
>> >shop... They scrapped it from a junk 930)...
>> >
>> >First check at cold start, without touching TC5... 20.000.080 Hz...
>> >After 45 min warm-up... 20.000.060 Hz! Aha! Looks like the new
>Xtal is
>> >actually more "A rock" than the original one ;-)
>> >
>> >Set TC5 for a 20.000.000 Hz reading, and reassembled the 850.
>> >
>> >On air tests made today leave me satisfied... Probably not EXACTLY
>on
>> >the spot (The freq. Counter was not up-to-the-task), but close
>enough
>> >and, most important... NO ABNORMAL DRIFT ANYMORE!!!
>> >
>> >A *BIG* thank you to those who gave me suggestions, and to the
>other
>> >readers as well, for bearing with me for my boring posts.
>> >
>> >Final note to Bill... Still thinking of placing that order for
>those
>> >parts for my 850... Minus the Xtal, of course! I'll let you know...
>> >
>> >Thanks again!!!
>> >
>> >73 de Joe, IW7ECJ
>> >

>> >> -----Messaggio originale-----
>> >> Da: Bill [mailto:coorsbill@y...]
>> >> Inviato: giovedì 30 ottobre 2003 16.51
>> >> A: TS-850_450_690@yahoogroups.com
>> >> Oggetto: Re: [TS-850_450_690] Re: 850 Frequency Drift...
>> >>
>> >>
>> >> I really think you have a bad master osc crystal, as I
>> >> described below.. I would change it, or put in the so-2 option.
>> >>
>> >> bill
>> >
>> >
>> >
>> >
>> >THANKS FOR USING TS-850_450_690@Y...
>> >
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>> >
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>
>
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>
>
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# 1596. Welcome new members

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-24 21:38:41 UTC
From: Max
Topic: 544  Message: 1596

A big hello to all the new members who have joined our fine group recently. Take a moment and introduce yourself to the other members. Lots of great help in this group, feel free to fire away with any questions you may have.

Max VE3TMT

Bill K0ZL

# 1597. Re: [TS-850_450_690] Re: 850 Frequency Drift... FIXED!!! :-)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-24 21:46:51 UTC
From: Bill K0ZL
Topic: 1391  Message: 1597

remove the covers

drape dishtowel over rig and set to 5.0000 mhz or 10.0000, which ever you can hear WWV on. Let rig warm up for half hour or so, in rx mode, moderate volume.

Using your mic, click DOWN untill rig just reads 4.9999 (or 9.9999), then click up just until it flips over to 5.0000 (10.0000). Push FLOCK so it won't move.

Locate small hole, left side, under where the CW mem keyer option would be, in the PLL unit cover. There is a variable cap in there. Using the anti-static screwdriver alignment tool from rat shack (I like the black one), carefully set the trimmer so that when switching between USB and LSB there is NO change in pitch when WWV is transmitting a tone.

Confirm by switching to AM, should still be same exact pitch. Just like tunin' yer steel.

73

b

Bob Snelgrove <steelgtr@...m.com> wrote:
Does anyone have info on checking this on the air? I had read somewhere
that if you tuned to WVV and switched from LSB to USB, the tone should
sound the same. Mine used to and now is off. Te site told how to calibrate
but I lost the link!

73

bob

At 02:43 PM 11/24/2003 +0100, you wrote:
>OK Bill and Everybody...
>
>After boring you all for a while with my 850 drifting some 200-250 Hz UP
>from cold to warm, I believe I have to let you know that first tests
>done today show that I probably fixed the beast...
>
>The culprit was indeed the 20MHz Oscillator (Bill? THANK YOU!!!) :-)
>
>Did a couple of checks before changing it...
>
>Got a Freq. Counter from a friend... Could only read 6 digits, so I had
>to approximate to closest tens of Hertz but, as I said in previous
>posts, I'm not a fanatic of extra accurate Freq. Display... Just the
>drift was bothering me...
>
>So... The 20MHz test point (TP1 on CAR board...) was @ 20.000.180 Hz
>when cold... After some 30 Min warm-up, it was @ 20.000.080.

>
>A drop of spray freezer on the Xtal shifted the Oscillator some 200Hz
>UP, and recovery was noticeably slow...
>
>Went ahead and replaced the Xtal (Got it from an Italian HAM Service
>shop... They scrapped it from a junk 930)...
>
>First check at cold start, without touching TC5... 20.000.080 Hz...
>After 45 min warm-up... 20.000.060 Hz! Aha! Looks like the new Xtal is
>actually more "A rock" than the original one ;-)
>
>Set TC5 for a 20.000.000 Hz reading, and reassembled the 850.
>
>On air tests made today leave me satisfied... Probably not EXACTLY on
>the spot (The freq. Counter was not up-to-the-task), but close enough
>and, most important... NO ABNORMAL DRIFT ANYMORE!!!
>
>A *BIG* thank you to those who gave me suggestions, and to the other
>readers as well, for bearing with me for my boring posts.
>
>Final note to Bill... Still thinking of placing that order for those
>parts for my 850... Minus the Xtal, of course! I'll let you know...
>
>Thanks again!!!
>
>73 de Joe, IW7ECJ
>
>> -----Messaggio originale-----
>> Da: Bill [mailto:coorsbill@yahoo.com]
>> Inviato: gioved? 30 ottobre 2003 16.51
>> A: TS-850_450_690@yahoogroups.com
>> Oggetto: Re: [TS-850_450_690] Re: 850 Frequency Drift...
>>
>>
>> I really think you have a bad master osc crystal, as I
>> described below.. I would change it, or put in the so-2 option.
>>
>> bill
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
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[Non-text portions of this message have been removed]

# 1598. Re: [TS-850_450_690] Setting frequency

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-25 00:10:33 UTC
From: Bill K0ZL
Topic: 1391  Message: 1598

Thanks Joseph, you are such a help to us.

bill

Joseph <iw7ecj@...> wrote:
Hi Bob,

The site should be THIS very place we are hosted in now :-)

Check this link:

http://groups.yahoo.com/group/TS-850_450_690/message/335

...or do a search with "SO-2" "Drift" "TC5" as keywords...

GL & 73 de Joe, IW7ECJ

"If it bleeds, we can kill it" --Arnold Schwarzenegger in "Predator"

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---
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[Non-text portions of this message have been removed]

# 1599. Re: [TS-850_450_690] Re: 850 Frequency Drift... FIXED!!! :-)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-25 02:18:25 UTC
From: Bob Snelgrove
Topic: 1391  Message: 1599

Thanks,

This is strange. Lately, AM and LSB have been right on, USB being "sharp"

Tonight, they are all off from each other!

bob

At 01:46 PM 11/24/2003 -0800, you wrote:
>remove the covers
>
>drape dishtowel over rig and set to 5.0000 mhz or 10.0000, which ever you
can hear WWV on. Let rig warm up for half hour or so, in rx mode, moderate
volume.
>
>Using your mic, click DOWN untill rig just reads 4.9999 (or 9.9999), then
click up just until it flips over to 5.0000 (10.0000). Push FLOCK so it
won't move.
>
>Locate small hole, left side, under where the CW mem keyer option would
be, in the PLL unit cover. There is a variable cap in there. Using the
anti-static screwdriver alignment tool from rat shack (I like the black
one), carefully set the trimmer so that when switching between USB and LSB
there is NO change in pitch when WWV is transmitting a tone.
>
>Confirm by switching to AM, should still be same exact pitch. Just like
tunin' yer steel.
>
>73
>
>b
>
>Bob Snelgrove <steelgtr@...> wrote:
>Does anyone have info on checking this on the air? I had read somewhere
>that if you tuned to WVV and switched from LSB to USB, the tone should
>sound the same. Mine used to and now is off. Te site told how to calibrate
>but I lost the link!
>
>73
>
>bob
>
>
>
>
>

>
>At 02:43 PM 11/24/2003 +0100, you wrote:
>>OK Bill and Everybody...
>>
>>After boring you all for a while with my 850 drifting some 200-250 Hz UP
>>from cold to warm, I believe I have to let you know that first tests
>>done today show that I probably fixed the beast...
>>
>>The culprit was indeed the 20MHz Oscillator (Bill? THANK YOU!!!) :-)
>>
>>Did a couple of checks before changing it...
>>
>>Got a Freq. Counter from a friend... Could only read 6 digits, so I had
>>to approximate to closest tens of Hertz but, as I said in previous
>>posts, I'm not a fanatic of extra accurate Freq. Display... Just the
>>drift was bothering me...
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>>So... The 20MHz test point (TP1 on CAR board...) was @ 20.000.180 Hz
>>when cold... After some 30 Min warm-up, it was @ 20.000.080.
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>>A drop of spray freezer on the Xtal shifted the Oscillator some 200Hz
>>UP, and recovery was noticeably slow...
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>>shop... They scrapped it from a junk 930)...
>>
>>First check at cold start, without touching TC5... 20.000.080 Hz...
>>After 45 min warm-up... 20.000.060 Hz! Aha! Looks like the new Xtal is
>>actually more "A rock" than the original one ;-)
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>>Set TC5 for a 20.000.000 Hz reading, and reassembled the 850.
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>>On air tests made today leave me satisfied... Probably not EXACTLY on
>>the spot (The freq. Counter was not up-to-the-task), but close enough
>>and, most important... NO ABNORMAL DRIFT ANYMORE!!!
>>
>>A *BIG* thank you to those who gave me suggestions, and to the other
>>readers as well, for bearing with me for my boring posts.
>>
>>Final note to Bill... Still thinking of placing that order for those
>>parts for my 850... Minus the Xtal, of course! I'll let you know...
>>
>>Thanks again!!!
>>
>>73 de Joe, IW7ECJ
>>
>>> -----Messaggio originale-----
>>> Da: Bill [mailto:coorsbill@...]
>>> Inviato: giovedì 30 ottobre 2003 16.51
>>> A: TS-850_450_690@yahoogroups.com

>>> Oggetto: Re: [TS-850_450_690] Re: 850 Frequency Drift...
>>>
>>>
>>> I really think you have a bad master osc crystal, as I
>>> described below.. I would change it, or put in the so-2 option.
>>>
>>> bill
>>
>>
>>
>>
>>THANKS FOR USING TS-850_450_690@...
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# 1600. Re: [TS-850_450_690] Re: 850 Frequency Drift... FIXED!!! :-)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-25 02:23:32 UTC
From: Bob Snelgrove
Topic: 1391  Message: 1600

Bill

Is AM the reference? Won't change by adjusting TC5?

thx

bob

At 06:18 PM 11/24/2003 -0800, you wrote:
>Thanks,
>
>This is strange. Lately, AM and LSB have been right on, USB being "sharp"
>
>Tonight, they are all off from each other!
>
>bob
>
>
>
>
>At 01:46 PM 11/24/2003 -0800, you wrote:
>>remove the covers
>>
>>drape dishtowel over rig and set to 5.0000 mhz or 10.0000, which ever you
>can hear WWV on. Let rig warm up for half hour or so, in rx mode, moderate
>volume.
>>
>>Using your mic, click DOWN untill rig just reads 4.9999 (or 9.9999), then
>click up just until it flips over to 5.0000 (10.0000). Push FLOCK so it
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>>
>>Confirm by switching to AM, should still be same exact pitch. Just like
>tunin' yer steel.
>>
>>73
>>
>>b
>>
>>Bob Snelgrove <steelgtr@...> wrote:
>>Does anyone have info on checking this on the air? I had read somewhere

>>that if you tuned to WVV and switched from LSB to USB, the tone should
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>>but I lost the link!
>>
>>73
>>
>>bob
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>>
>>
>>At 02:43 PM 11/24/2003 +0100, you wrote:
>>>OK Bill and Everybody...
>>>
>>>After boring you all for a while with my 850 drifting some 200-250 Hz UP
>>>from cold to warm, I believe I have to let you know that first tests
>>>done today show that I probably fixed the beast...
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>>>The culprit was indeed the 20MHz Oscillator (Bill? THANK YOU!!!) :-)
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>>>Did a couple of checks before changing it...
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>>>to approximate to closest tens of Hertz but, as I said in previous
>>>posts, I'm not a fanatic of extra accurate Freq. Display... Just the
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>>>So... The 20MHz test point (TP1 on CAR board...) was @ 20.000.180 Hz
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>>>A drop of spray freezer on the Xtal shifted the Oscillator some 200Hz
>>>UP, and recovery was noticeably slow...
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>>>Set TC5 for a 20.000.000 Hz reading, and reassembled the 850.
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>>>On air tests made today leave me satisfied... Probably not EXACTLY on
>>>the spot (The freq. Counter was not up-to-the-task), but close enough
>>>and, most important... NO ABNORMAL DRIFT ANYMORE!!!
>>>
>>>A *BIG* thank you to those who gave me suggestions, and to the other
>>>readers as well, for bearing with me for my boring posts.

>>>
>>>Final note to Bill... Still thinking of placing that order for those
>>>parts for my 850... Minus the Xtal, of course! I'll let you know...
>>>
>>>Thanks again!!!
>>>
>>>73 de Joe, IW7ECJ
>>>
>>>> -----Messaggio originale-----
>>>> Da: Bill [mailto:coorsbill@...]
>>>> Inviato: giovedì 30 ottobre 2003 16.51
>>>> A: TS-850_450_690@yahoogroups.com
>>>> Oggetto: Re: [TS-850_450_690] Re: 850 Frequency Drift...
>>>>
>>>>
>>>> I really think you have a bad master osc crystal, as I
>>>> described below.. I would change it, or put in the so-2 option.
>>>>
>>>> bill
>>>
>>>
>>>
>>>
>>>THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COM
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>>"If it bleeds, we can kill it" --Arnold Schwarzenegger in "Predator"
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>>Need a tech? See our website www.amateur-repairs.com
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# 1601. Re: Setting freq on TS-850 (also 450 etc)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-25 02:31:11 UTC
From: steelgtr_95127
Topic: 335  Message: 1601

Bill,

I don't understand this part:

"For fine adjustment, open up your bandwidth to 6 or 12
khz LSB or USB (doesn't matter). Then, listen
carefully for a very low beat note on the tone.
Making sure your VFO is exactly on 10.000.00,
CAREFULLY adjust TC 5 for zero beat."

I'm vert familiar with beats and cancelling, but the open up the
bandwith part?

thx

bob

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> Bruce,
>
> I hope you don't mind, I am posting our "setting
> frequency" exchange to the group for obvious
> reasons... I don't want to type this more than once,
> hi!
>
> TC5 is the master freq adj on the PLL unit. REmove
> the covers, let rig stabilize with temp (I put a
> dishtowel over mine and let it sit with covers off for
> about an hour, receive mode). TC 5 is in oblonged
> shape hole on left side of rig, about 1/2 way back.
> It is a small trimmer cap; use the proper tool
>
> Set up freq on WWV, 10.0000 mhz showing. Switch back
> and forth between LSB and USB when WWV is transmitting
> a tone. Set TC 5 so that the two tones are identical.
>
> >
> I checked mine from cold start (about 65 deg F) to
> fully warm... started out 20hz low (4.999.98 in my
> case) and ends up 5.000.00. This is WITHOUT the TCXO.
>
> Close enough for gov't work, no? hi hi
>
> 73
>
> bill

> K0ZL
> www.amateur-repairs.com
>
> --- Bruce Bennett <maritimus49@y...> wrote:
> > Hello Bill -
> > Yes, I can hear either frequency quite well. What
> > adjustment would I make with one of them as a
> > standard? Thanks.
> >
> > 73,
> > Bruce
> >
> >
> >
> >
> > --- Bill <coorsbill@y...> wrote:
> > > Oh yeah you can adjust it, not hard at all. Can
> > you
> > > receive wwv on 5 or 10 mhz?
> > >
> > >
> > > --- Bruce Bennett <maritimus49@y...> wrote:
> > > >
> > > > Hello Bill -
> > > > I was wondering about something. Is it possible
> > > to
> > > > adjust the frequency for the VFO? I was
> > listening
> > > to
> > > > the audiophiles on 14,178 last night and they
> > got
> > > to
> > > > assisting a man who was about 100Hz off. He was
> > > able
> > > > to adjust something in his rig and I'd like to
> > > know
> > > > if a similar adjustment can be made on the 850?
> > > > Thanks.
> > > > 73,
> > > > Bruce K6RQR
>
>
> =====
>
> see our website www.amateur-repairs.com
>
>
> _____
> Do You Yahoo!?
> HotJobs - Search Thousands of New Jobs

> http://www.hotjobs.com

# 1602. Re: [TS-850_450_690] Re: Setting freq on TS-850 (also 450 etc)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-25 05:11:45 UTC
From: Bill K0ZL
Topic: 335  Message: 1602

On the 850 and most other rigs, you cannot hear zero beat if you are set on the normal ssb filters 2.7 or whatever... go to 6khz or 12khz on your filter selector, carefully tune in any AM broadcast station or wwv and you will see what I mean.

b

steelgtr_95127 <steelgtr@...> wrote:
Bill,

I don't understand this part:

"For fine adjustment, open up your bandwidth to 6 or 12
khz LSB or USB (doesn't matter). Then, listen
carefully for a very low beat note on the tone.
Making sure your VFO is exactly on 10.000.00,
CAREFULLY adjust TC 5 for zero beat."

I'm vert familiar with beats and cancelling, but the open up the
bandwith part?

thx

bob

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> Bruce,
>
> I hope you don't mind, I am posting our "setting
> frequency" exchange to the group for obvious
> reasons... I don't want to type this more than once,
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>
> TC5 is the master freq adj on the PLL unit. REmove
> the covers, let rig stabilize with temp (I put a
> dishtowel over mine and let it sit with covers off for
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> It is a small trimmer cap; use the proper tool
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> Set up freq on WWV, 10.0000 mhz showing. Switch back
> and forth between LSB and USB when WWV is transmitting
> a tone. Set TC 5 so that the two tones are identical.
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> >
> I checked mine from cold start (about 65 deg F) to
> fully warm... started out 20hz low (4.999.98 in my
> case) and ends up 5.000.00. This is WITHOUT the TCXO.

> 
> Close enough for gov't work, no? hi hi
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> 73
> 
> bill
> K0ZL
> www.amateur-repairs.com
> 
> --- Bruce Bennett <maritimus49@y...> wrote:
> > Hello Bill -
> > Yes, I can hear either frequency quite well. What
> > adjustment would I make with one of them as a
> > standard? Thanks.
> > >
> > > 73,
> > > Bruce
> > >
> > >
> > >
> > >
> > > --- Bill <coorsbill@y...> wrote:
> > > > Oh yeah you can adjust it, not hard at all. Can
> > you
> > > > receive wwv on 5 or 10 mhz?
> > > >
> > > >
> > > > --- Bruce Bennett <maritimus49@y...> wrote:
> > > > >
> > > > > Hello Bill -
> > > > > I was wondering about something. Is it possible
> > > > to
> > > > > adjust the frequency for the VFO? I was
> > listening
> > > > to
> > > > > the audiophiles on 14,178 last night and they
> > got
> > > > to
> > > > > assisting a man who was about 100Hz off. He was
> > > > able
> > > > > to adjust something in his rig and I'd like to
> > > > know
> > > > > if a similar adjustment can be made on the 850?
> > > > > Thanks.
> > > > > 73,
> > > > > Bruce K6RQR
> 
> 
> =====
> 

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[Non-text portions of this message have been removed]

# 1603. prolog2k & LCU3-k

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-25 05:24:06 UTC
From: Duane
Topic: 1603  Message: 1603

Hello All,

Is anyone using the lcu3-k control cable ( replaces the IF-232c) and prolog2k? I'm not having any luck getting it to work with prolog2k logging program.

Thanks in advance for any help.

73
Duane, w9zm

[Non-text portions of this message have been removed]

# 1604. Re: [TS-850_450_690] Re: 850 Frequency Drift... FIXED!!! :-)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-25 14:30:40 UTC
From: Bill K0ZL
Topic: 1391  Message: 1604

On AM, the tone transmitted by WWV will play the same pitch even if you are off frequency a little bit. This gives your ears the "reference" tone to check against USB and LSB. You can actually do it either way; but it's easier to switch between LSB and USB than it is to switch between LSB and AM.

So set TC-5 so that the audio tone is the same, then switch to AM to confirm that all is well.

I did my '430 this way about two weeks ago, it is now less than 5 hz off at 70 deg f.

b

Bob Snelgrove <steelgtr@....com> wrote:
Bill

Is AM the reference? Won't change by adjusting TC5?

thx

bob

At 06:18 PM 11/24/2003 -0800, you wrote:
>Thanks,
>
>This is strange. Lately, AM and LSB have been right on, USB being "sharp"
>
>Tonight, they are all off from each other!
>
>bob
>
>
>
>
>At 01:46 PM 11/24/2003 -0800, you wrote:
>>remove the covers
>>
>>drape dishtowel over rig and set to 5.0000 mhz or 10.0000, which ever you
>can hear WWV on. Let rig warm up for half hour or so, in rx mode, moderate
>volume.
>>
>>Using your mic, click DOWN untill rig just reads 4.9999 (or 9.9999), then
>click up just until it flips over to 5.0000 (10.0000). Push FLOCK so it
>won't move.
>>
>>Locate small hole, left side, under where the CW mem keyer option would
>be, in the PLL unit cover. There is a variable cap in there. Using the
>anti-static screwdriver alignment tool from rat shack (I like the black

>one), carefully set the trimmer so that when switching between USB and LSB
>there is NO change in pitch when WWV is transmitting a tone.
>>
>>Confirm by switching to AM, should still be same exact pitch. Just like
>tunin' yer steel.
>>
>>73
>>
>>b
>>
>>Bob Snelgrove <steelgtr@...> wrote:
>>Does anyone have info on checking this on the air? I had read somewhere
>>that if you tuned to WVV and switched from LSB to USB, the tone should
>>sound the same. Mine used to and now is off. Te site told how to calibrate
>>but I lost the link!
>>
>>73
>>
>>bob
>>
>>
>>
>>
>>
>>
>>At 02:43 PM 11/24/2003 +0100, you wrote:
>>>OK Bill and Everybody...
>>>
>>>After boring you all for a while with my 850 drifting some 200-250 Hz UP
>>>from cold to warm, I believe I have to let you know that first tests
>>>done today show that I probably fixed the beast...
>>>
>>>The culprit was indeed the 20MHz Oscillator (Bill? THANK YOU!!!) :-)
>>>
>>>Did a couple of checks before changing it...
>>>
>>>Got a Freq. Counter from a friend... Could only read 6 digits, so I had
>>>to approximate to closest tens of Hertz but, as I said in previous
>>>posts, I'm not a fanatic of extra accurate Freq. Display... Just the
>>>drift was bothering me...
>>>
>>>So... The 20MHz test point (TP1 on CAR board...) was @ 20.000.180 Hz
>>>when cold... After some 30 Min warm-up, it was @ 20.000.080.
>>>
>>>A drop of spray freezer on the Xtal shifted the Oscillator some 200Hz
>>>UP, and recovery was noticeably slow...
>>>
>>>Went ahead and replaced the Xtal (Got it from an Italian HAM Service
>>>shop... They scrapped it from a junk 930)...
>>>

>>>First check at cold start, without touching TC5... 20.000.080 Hz...
>>>After 45 min warm-up... 20.000.060 Hz! Aha! Looks like the new Xtal is
>>>actually more "A rock" than the original one ;-)
>>>
>>>Set TC5 for a 20.000.000 Hz reading, and reassembled the 850.
>>>
>>>On air tests made today leave me satisfied... Probably not EXACTLY on
>>>the spot (The freq. Counter was not up-to-the-task), but close enough
>>>and, most important... NO ABNORMAL DRIFT ANYMORE!!!
>>>
>>>A *BIG* thank you to those who gave me suggestions, and to the other
>>>readers as well, for bearing with me for my boring posts.
>>>
>>>Final note to Bill... Still thinking of placing that order for those
>>>parts for my 850... Minus the Xtal, of course! I'll let you know...
>>>
>>>Thanks again!!!
>>>
>>>73 de Joe, IW7ECJ
>>>
>>>> -----Messaggio originale-----
>>>> Da: Bill [mailto:coorsbill@...]
>>>> Inviato: gioved? 30 ottobre 2003 16.51
>>>> A: TS-850_450_690@yahoogroups.com
>>>> Oggetto: Re: [TS-850_450_690] Re: 850 Frequency Drift...
>>>>
>>>>
>>>> I really think you have a bad master osc crystal, as I
>>>> described below.. I would change it, or put in the so-2 option.
>>>>
>>>> bill
>>>
>>>
>>>
>>>
>>>THANKS FOR USING TS-850_450_690@...
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>>
>>
>>"If it bleeds, we can kill it" --Arnold Schwarzenegger in "Predator"
>>
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>>
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# 1605. Re: [TS-850_450_690] Re: 850 Frequency Drift... FIXED!!! :-)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-25 14:45:56 UTC
From: Bill K0ZL
Topic: 1391  Message: 1605

Make sure your slop tuning is opened all the way

b

Bob Snelgrove <steelgtr@...> wrote:
Thanks,

This is strange. Lately, AM and LSB have been right on, USB being "sharp"

Tonight, they are all off from each other!

bob

At 01:46 PM 11/24/2003 -0800, you wrote:
>remove the covers
>
>drape dishtowel over rig and set to 5.0000 mhz or 10.0000, which ever you
can hear WWV on. Let rig warm up for half hour or so, in rx mode, moderate
volume.
>
>Using your mic, click DOWN untill rig just reads 4.9999 (or 9.9999), then
click up just until it flips over to 5.0000 (10.0000). Push FLOCK so it
won't move.
>
>Locate small hole, left side, under where the CW mem keyer option would
be, in the PLL unit cover. There is a variable cap in there. Using the
anti-static screwdriver alignment tool from rat shack (I like the black
one), carefully set the trimmer so that when switching between USB and LSB
there is NO change in pitch when WWV is transmitting a tone.
>
>Confirm by switching to AM, should still be same exact pitch. Just like
tunin' yer steel.
>
>73
>
>b
>
>Bob Snelgrove <steelgtr@...> wrote:
>Does anyone have info on checking this on the air? I had read somewhere
>that if you tuned to WVV and switched from LSB to USB, the tone should
>sound the same. Mine used to and now is off. Te site told how to calibrate
>but I lost the link!
>
>73
>
>bob

>
>
>
>
>
>
>At 02:43 PM 11/24/2003 +0100, you wrote:
>>OK Bill and Everybody...
>>
>>After boring you all for a while with my 850 drifting some 200-250 Hz UP
>>from cold to warm, I believe I have to let you know that first tests
>>done today show that I probably fixed the beast...
>>
>>The culprit was indeed the 20MHz Oscillator (Bill? THANK YOU!!!) :-)
>>
>>Did a couple of checks before changing it...
>>
>>Got a Freq. Counter from a friend... Could only read 6 digits, so I had
>>to approximate to closest tens of Hertz but, as I said in previous
>>posts, I'm not a fanatic of extra accurate Freq. Display... Just the
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>>So... The 20MHz test point (TP1 on CAR board...) was @ 20.000.180 Hz
>>when cold... After some 30 Min warm-up, it was @ 20.000.080.
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>>Went ahead and replaced the Xtal (Got it from an Italian HAM Service
>>shop... They scrapped it from a junk 930)...
>>
>>First check at cold start, without touching TC5... 20.000.080 Hz...
>>After 45 min warm-up... 20.000.060 Hz! Aha! Looks like the new Xtal is
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>>
>>Set TC5 for a 20.000.000 Hz reading, and reassembled the 850.
>>
>>On air tests made today leave me satisfied... Probably not EXACTLY on
>>the spot (The freq. Counter was not up-to-the-task), but close enough
>>and, most important... NO ABNORMAL DRIFT ANYMORE!!!
>>
>>A *BIG* thank you to those who gave me suggestions, and to the other
>>readers as well, for bearing with me for my boring posts.
>>
>>Final note to Bill... Still thinking of placing that order for those
>>parts for my 850... Minus the Xtal, of course! I'll let you know...
>>
>>Thanks again!!!
>>
>>73 de Joe, IW7ECJ

>>
>>> -----Messaggio originale-----
>>> Da: Bill [mailto:coorsbill@...]
>>> Inviato: gioved? 30 ottobre 2003 16.51
>>> A: TS-850_450_690@yahoogroups.com
>>> Oggetto: Re: [TS-850_450_690] Re: 850 Frequency Drift...
>>>
>>>
>>> I really think you have a bad master osc crystal, as I
>>> described below.. I would change it, or put in the so-2 option.
>>>
>>> bill
>>
>>
>>
>>
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>
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# 1606. Audio (Speaker) problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-25 16:10:00 UTC
From: Markus Dully
Topic: 1391  Message: 1606

Hi,

I am a very new member of the list, and already posted my problem days ago,
but due any reason I did not receive any listmails until today.
Sorry, for reposting if you already received my first mail:

I have one problem with my TS850S (bought it used few months ago):
I hear myself during transmitting out of the speaker. It does not matter if
I use internal or external speaker (I use MD100 mic or original mic)
Of course moni button is off.
The volume depends from the position of the moni control pot ! I have it of
course at "0" position but problem is still there. On postion "10" I hear me
during transmitting very loud out of the speaker with distorted mod however
the MONI BUTTON is OFF !!
The volume depends also from the PROC Control pot and the used power!
It doesn?t depends which antenna I am using. I have the problem on all bands
!

Somebody know how to fix this problem ?

73s
Max, OE6MDF

# 1607. Re: Audio (Speaker) problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-25 20:46:20 UTC
From: rsakabu
Topic: 1391  Message: 1607

See if you are getting RF in the shack.
If you have a dummy load, transmit into it at low TX power then raise
it gradually to max power to see if it still happens. Next TX into
your antenna starting at low power. Gradually increase power to see
if you are getting feedback at a certain level.

Hope that helps in finding the cause,
Roy

--- In TS-850_450_690@yahoogroups.com, "Markus Dully" <mdully@g...> wrote:

> Somebody know how to fix this problem ?
>
> 73s
> Max, OE6MDF

# 1608. AW: [TS-850_450_690] Re: Audio (Speaker) problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-25 21:25:41 UTC
From: Markus Dully
Topic: 1391  Message: 1608

Thanks for your answer.
But if it would be RF, why do you think it depends of the position of the
MONI CONTROL (MONI BUTTON IS OFF) ?
I have the problem also with 5W but the volume is not so high, but on all
bands the same level with same power (I use different antennas).

73?s
Max

> -----Urspr?ngliche Nachricht-----
> Von: rsakabu [mailto:rsakabu@...]
> Gesendet: Dienstag, 25. November 2003 21:46
> An: TS-850_450_690@yahoogroups.com
> Betreff: [TS-850_450_690] Re: Audio (Speaker) problem
>
>
> See if you are getting RF in the shack.
> If you have a dummy load, transmit into it at low TX power then raise
> it gradually to max power to see if it still happens. Next TX into
> your antenna starting at low power. Gradually increase power to see
> if you are getting feedback at a certain level.
>
> Hope that helps in finding the cause,
> Roy
>
>
> --- In TS-850_450_690@yahoogroups.com, "Markus Dully" <mdully@g...> wrote:
>
> > Somebody know how to fix this problem ?
> >
> > 73s
> > Max, OE6MDF
>
>
>
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>

# 1609. Re: [TS-850_450_690] Audio (Speaker) problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-26 13:44:29 UTC
From: Bill K0ZL
Topic: 1391  Message: 1609

Hi Max.

I fixed the "posting delay".

On your IF unit, locate the very small test points labeled 8T and 8R. these should switch cleanly between rx and tx mode. In the opposite mod, the test points should read very close to 0 volts.

I suspect a leaky diode that is keeping rx biased on just enough to give you the feed back. This is a common problem with the 850s

b

Markus Dully <mdully@...> wrote:
Hi,

I am a very new member of the list, and already posted my problem days ago,
but due any reason I did not receive any listmails until today.
Sorry, for reposting if you already received my first mail:

I have one problem with my TS850S (bought it used few months ago):
I hear myself during transmitting out of the speaker. It does not matter if
I use internal or external speaker (I use MD100 mic or original mic)
Of course moni button is off.
The volume depends from the position of the moni control pot ! I have it of
course at "0" position but problem is still there. On postion "10" I hear me
during transmitting very loud out of the speaker with distorted mod however
the MONI BUTTON is OFF !!
The volume depends also from the PROC Control pot and the used power!
It doesn?t depends which antenna I am using. I have the problem on all bands
!

Somebody know how to fix this problem ?

73s
Max, OE6MDF

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# 1611. Re: [TS-850_450_690] Got my new TS850S!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-26 15:59:39 UTC
From: Bob Snelgrove
Topic: 1611  Message: 1611

Congrats, Max

What is the "broadcast mod"

Is the 20 mhz align the "tc-5" adjustment?

73

bob

At 01:44 PM 11/26/2003 -0000, you wrote:
>Just recieved my TS850 yesterday. Serial number in the 51 million
>range. Did the noise blanker mod, broadcast band mod, sidetone mod
>and realigned the 20 mhz oscillator all before putting it in its new
>home on my shelf. Traded my first TS850 last year and as of
>yesterday I was still kicking myself! Sure is nice to have another
>one in the shack. Now I feel like one of the guys again.
>
>Max
>
>
>
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# 1612. Re: [TS-850_450_690] Re: 850 Frequency Drift... FIXED!!! :-)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-26 16:08:43 UTC
From: Bob Snelgrove
Topic: 1391  Message: 1612

Bill

Is this adjustment actually calibrating the unit to proper freq on the display, or just calibrating LSB to USB?

Right now my USB has to tuned to "-0.06 khz" to match AM tone and LSB to "-0.05 khz"

Is this enough to do the adjustment?

Also, this seems to change, depending on whwn I check it, even if it's been warmed up for long time.

73

bob

At 01:46 PM 11/24/2003 -0800, you wrote:
>remove the covers
>
>drape dishtowel over rig and set to 5.0000 mhz or 10.0000, which ever you can hear WWV on. Let rig warm up for half hour or so, in rx mode, moderate volume.
>
>Using your mic, click DOWN untill rig just reads 4.9999 (or 9.9999), then click up just until it flips over to 5.0000 (10.0000). Push FLOCK so it won't move.
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>Locate small hole, left side, under where the CW mem keyer option would be, in the PLL unit cover. There is a variable cap in there. Using the anti-static screwdriver alignment tool from rat shack (I like the black one), carefully set the trimmer so that when switching between USB and LSB there is NO change in pitch when WWV is transmitting a tone.
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>Confirm by switching to AM, should still be same exact pitch. Just like tunin' yer steel.
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>73
>
>b
>
>Bob Snelgrove <steelgtr@...> wrote:
>Does anyone have info on checking this on the air? I had read somewhere
>that if you tuned to WVV and switched from LSB to USB, the tone should
>sound the same. Mine used to and now is off. Te site told how to calibrate
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>

>73
>
>bob
>
>
>
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>
>
>At 02:43 PM 11/24/2003 +0100, you wrote:
>>OK Bill and Everybody...
>>
>>After boring you all for a while with my 850 drifting some 200-250 Hz UP
>>from cold to warm, I believe I have to let you know that first tests
>>done today show that I probably fixed the beast...
>>
>>The culprit was indeed the 20MHz Oscillator (Bill? THANK YOU!!!) :-)
>>
>>Did a couple of checks before changing it...
>>
>>Got a Freq. Counter from a friend... Could only read 6 digits, so I had
>>to approximate to closest tens of Hertz but, as I said in previous
>>posts, I'm not a fanatic of extra accurate Freq. Display... Just the
>>drift was bothering me...
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>>So... The 20MHz test point (TP1 on CAR board...) was @ 20.000.180 Hz
>>when cold... After some 30 Min warm-up, it was @ 20.000.080.
>>
>>A drop of spray freezer on the Xtal shifted the Oscillator some 200Hz
>>UP, and recovery was noticeably slow...
>>
>>Went ahead and replaced the Xtal (Got it from an Italian HAM Service
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>>
>>First check at cold start, without touching TC5... 20.000.080 Hz...
>>After 45 min warm-up... 20.000.060 Hz! Aha! Looks like the new Xtal is
>>actually more "A rock" than the original one ;-)
>>
>>Set TC5 for a 20.000.000 Hz reading, and reassembled the 850.
>>
>>On air tests made today leave me satisfied... Probably not EXACTLY on
>>the spot (The freq. Counter was not up-to-the-task), but close enough
>>and, most important... NO ABNORMAL DRIFT ANYMORE!!!
>>
>>A *BIG* thank you to those who gave me suggestions, and to the other
>>readers as well, for bearing with me for my boring posts.
>>
>>Final note to Bill... Still thinking of placing that order for those
>>parts for my 850... Minus the Xtal, of course! I'll let you know...
>>

>>Thanks again!!!
>>
>>73 de Joe, IW7ECJ
>>
>>> -----Messaggio originale-----
>>> Da: Bill [mailto:coorsbill@...]
>>> Inviato: giovedì 30 ottobre 2003 16.51
>>> A: TS-850_450_690@yahoogroups.com
>>> Oggetto: Re: [TS-850_450_690] Re: 850 Frequency Drift...
>>>
>>>
>>> I really think you have a bad master osc crystal, as I
>>> described below.. I would change it, or put in the so-2 option.
>>>
>>> bill
>>
>>
>>
>>
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# 1613. Re: [TS-850_450_690] Got my new TS850S!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-26 17:50:15 UTC
From: Phil
Topic: 1611  Message: 1613

great to hear that Max !
At 01:44 PM 11/26/2003 -0000, you wrote:
>Just recieved my TS850 yesterday. Serial number in the 51 million
>range. Did the noise blanker mod, broadcast band mod, sidetone mod
>and realigned the 20 mhz oscillator all before putting it in its new
>home on my shelf. Traded my first TS850 last year and as of
>yesterday I was still kicking myself! Sure is nice to have another
>one in the shack. Now I feel like one of the guys again.
>
>Max
>

[Non-text portions of this message have been removed]

# 1614. AW: [TS-850_450_690] Audio (Speaker) problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-26 18:34:54 UTC
From: Markus Dully
Topic: 1391  Message: 1614

Hi Bill,
Thanks for the answer.
You mean TXB and RXB ?
I checked these with a multimeter and its 8V or 0 V (TX/RX).

73s
Max, OE6MDF

> -----Urspr?ngliche Nachricht-----
> Von: Bill K0ZL [mailto:coorsbill@...]
> Gesendet: Mittwoch, 26. November 2003 14:44
> An: TS-850_450_690@yahoogroups.com
> Betreff: Re: [TS-850_450_690] Audio (Speaker) problem
>
>
> Hi Max.
>
> I fixed the "posting delay".
>
> On your IF unit, locate the very small test points labeled 8T and
> 8R. these should switch cleanly between rx and tx mode. In the
> opposite mod, the test points should read very close to 0 volts.
>
> I suspect a leaky diode that is keeping rx biased on just enough
> to give you the feed back. This is a common problem with the 850s
>
> b
>
> Markus Dully <mdully@...> wrote:
> Hi,
>
> I am a very new member of the list, and already posted my problem
> days ago,
> but due any reason I did not receive any listmails until today.
> Sorry, for reposting if you already received my first mail:
>
> I have one problem with my TS850S (bought it used few months ago):
> I hear myself during transmitting out of the speaker. It does not
> matter if
> I use internal or external speaker (I use MD100 mic or original mic)
> Of course moni button is off.
> The volume depends from the position of the moni control pot ! I
> have it of
> course at "0" position but problem is still there. On postion
> "10" I hear me

> during transmitting very loud out of the speaker with distorted
> mod however
> the MONI BUTTON is OFF !!
> The volume depends also from the PROC Control pot and the used power!
> It doesn?t depends which antenna I am using. I have the problem
> on all bands
> !
>
> Somebody know how to fix this problem ?
>
> 73s
> Max, OE6MDF
>
>
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>
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# 1615. USB/LSB alignment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-26 18:53:22 UTC
From: Max
Topic: 1391  Message: 1615

Bob,

I copied this from another site. This is the adjustment for TX, but if you do this adjustment, you will find it also adjust the tone on RX. I did this on mine to balance out the tone on USB & LSB. Disconnect your antenna during the adjustment. All you want to hear is the receiver noise.

Max

STEP #1 PUT THE RADIO ON 14.200KHZ,MODE EITHER USB OR LSB.

STEPS #2 TURN THE RADIO OFF.

STEP #3 WHILE PUSHING THE F.LOCK KEY TURN THE RADIO ON WITH POWER BUTTON.

STEP #4 A MENU WILL BE DISPLAYED, WITH THE M.CH/VFO CH KNOB, MAKE SURE THE DISPLAY SHOWS
(MENU NO. 00).

STEP #5 PUT MODE SWITCH TO LSB. HAVE THE 8.83MHZ FILTER KEY IN THE 6KHZ POSITION. TRANSMIT INTO DUMMY LOAD AND TURN VR501 WHICH IS UNDER DOOR ON TOP LEFT OF RADIO COVER FULLY COUNTER CLOCK WISE WHILE LISTENING TO MONITOR RECEIVER ON SAME FREQ, YOU SHOULD HEAR BOTTOM END OF AUDIO COME UP.

STEP #6 PUT TS-850S ON USB AND MONITOR RECEIVER ON USB SAME FREQ 14.200MHZ.FOLLOW SAME AS STEP #5 TURNING VR502 ALSO COUNTER CLOCK WISE, YOU SHOULD HEAR BOTTOM END OF AUDIO COME UP MORE BASS RESPONSE THAT'S WHAT YOU WANT TO HEAR.

STEP #7 PUT 8.83MHZ FILTER KEY TO 2.7KHZ POSITION, NOW TURN M.CH/VFO.CH KNOB SO THAT DISPLAY ON TS-850S READS (MENU NO.01) SWITCHING BETWEEN USB AND LSB AND LISTENING ON SAME ON MONITOR RECEIVER RADIO, BALANCE AUDIO TONE BETWEEN LSB AND USB USING ADJUSTMENT POT VR503 TO BALANCE TRANSMIT AUDIO TONE OF THE TS-850S.

STEP #8 ONCE YOU ARE DONE AND WANT TO KEEP UR ADJUSTMENTS PUSH THE CLR KEY WHICH IS TO THE RIGHT OF THE MIC GAIN/PWR KNOB, THIS WILL EXIT THE MENU AND LOCK IN YOUR NEW CARRIER POINT SETTINGS ON THE TS-850S.

BE CAREFUL NOT TO DAMAGE THE VR501TO503 POTS. USE THE PROPER ALIGNMENT TOOL.

# 1616. Re: [TS-850_450_690] Got my new TS850S!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-26 21:50:14 UTC
From: Bill K0ZL
Topic: 1611  Message: 1616

Great Max, see you on the air.

I hope to be on 5330.5 tonight after church, about 0330z

b

Max <ve3tmt@...> wrote:
Just recieved my TS850 yesterday. Serial number in the 51 million
range. Did the noise blanker mod, broadcast band mod, sidetone mod
and realigned the 20 mhz oscillator all before putting it in its new
home on my shelf. Traded my first TS850 last year and as of
yesterday I was still kicking myself! Sure is nice to have another
one in the shack. Now I feel like one of the guys again.

Max

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[Non-text portions of this message have been removed]

# 1617. Re: [TS-850_450_690] Re: 850 Frequency Drift... FIXED!!! :-)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-26 21:57:14 UTC
From: Bill K0ZL
Topic: 1391  Message: 1617

Need to get it to 0.020 max

this will make ya legal on 60m

b

Bob Snelgrove <steelgtr@...> wrote:
Bill

Is this adjustment actually calibrating the unit to proper freq on the
display, or just calibrating LSB to USB?

Right now my USB has to tuned to "-0.06 khz" to match AM tone and LSB to
"-0.05 khz"

Is this enough to do the adjustment?

Also, this seems to change, depending on whwn I check it, even if it's been
warmed up for long time.

73

bob

At 01:46 PM 11/24/2003 -0800, you wrote:
>remove the covers
>
>drape dishtowel over rig and set to 5.0000 mhz or 10.0000, which ever you
can hear WWV on. Let rig warm up for half hour or so, in rx mode, moderate
volume.
>
>Using your mic, click DOWN untill rig just reads 4.9999 (or 9.9999), then
click up just until it flips over to 5.0000 (10.0000). Push FLOCK so it
won't move.
>
>Locate small hole, left side, under where the CW mem keyer option would
be, in the PLL unit cover. There is a variable cap in there. Using the
anti-static screwdriver alignment tool from rat shack (I like the black
one), carefully set the trimmer so that when switching between USB and LSB
there is NO change in pitch when WWV is transmitting a tone.
>
>Confirm by switching to AM, should still be same exact pitch. Just like
tunin' yer steel.
>
>73
>
>b

>
>Bob Snelgrove <steelgtr@...tcom.com> wrote:
>Does anyone have info on checking this on the air? I had read somewhere
>that if you tuned to WVV and switched from LSB to USB, the tone should
>sound the same. Mine used to and now is off. Te site told how to calibrate
>but I lost the link!
>
>73
>
>bob
>
>
>
>
>
>
>
>At 02:43 PM 11/24/2003 +0100, you wrote:
>>OK Bill and Everybody...
>>
>>After boring you all for a while with my 850 drifting some 200-250 Hz UP
>>from cold to warm, I believe I have to let you know that first tests
>>done today show that I probably fixed the beast...
>>
>>The culprit was indeed the 20MHz Oscillator (Bill? THANK YOU!!!) :-)
>>
>>Did a couple of checks before changing it...
>>
>>Got a Freq. Counter from a friend... Could only read 6 digits, so I had
>>to approximate to closest tens of Hertz but, as I said in previous
>>posts, I'm not a fanatic of extra accurate Freq. Display... Just the
>>drift was bothering me...
>>
>>So... The 20MHz test point (TP1 on CAR board...) was @ 20.000.180 Hz
>>when cold... After some 30 Min warm-up, it was @ 20.000.080.
>>
>>A drop of spray freezer on the Xtal shifted the Oscillator some 200Hz
>>UP, and recovery was noticeably slow...
>>
>>Went ahead and replaced the Xtal (Got it from an Italian HAM Service
>>shop... They scrapped it from a junk 930)...
>>
>>First check at cold start, without touching TC5... 20.000.080 Hz...
>>After 45 min warm-up... 20.000.060 Hz! Aha! Looks like the new Xtal is
>>actually more "A rock" than the original one ;-)
>>
>>Set TC5 for a 20.000.000 Hz reading, and reassembled the 850.
>>
>>On air tests made today leave me satisfied... Probably not EXACTLY on
>>the spot (The freq. Counter was not up-to-the-task), but close enough
>>and, most important... NO ABNORMAL DRIFT ANYMORE!!!

>>
>>A *BIG* thank you to those who gave me suggestions, and to the other
>>readers as well, for bearing with me for my boring posts.
>>
>>Final note to Bill... Still thinking of placing that order for those
>>parts for my 850... Minus the Xtal, of course! I'll let you know...
>>
>>Thanks again!!!
>>
>>73 de Joe, IW7ECJ
>>
>>> -----Messaggio originale-----
>>> Da: Bill [mailto:coorsbill@...]
>>> Inviato: gioved? 30 ottobre 2003 16.51
>>> A: TS-850_450_690@...m
>>> Oggetto: Re: [TS-850_450_690] Re: 850 Frequency Drift...
>>>
>>>
>>> I really think you have a bad master osc crystal, as I
>>> described below.. I would change it, or put in the so-2 option.
>>>
>>> bill
>>
>>
>>
>>
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# 1618. Re: AW: [TS-850_450_690] Audio (Speaker) problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-26 22:28:17 UTC
From: Bill K0ZL
Topic: 1391  Message: 1618

TXB, RXB yes thanks.

Next step.. find the monitor circuit and find out why it's enabled.

b

Markus Dully <mdully@...> wrote:
Hi Bill,
Thanks for the answer.
You mean TXB and RXB ?
I checked these with a multimeter and its 8V or 0 V (TX/RX).

73s
Max, OE6MDF

> -----Urspr?ngliche Nachricht-----
> Von: Bill K0ZL [mailto:coorsbill@...]
> Gesendet: Mittwoch, 26. November 2003 14:44
> An: TS-850_450_690@yahoogroups.com
> Betreff: Re: [TS-850_450_690] Audio (Speaker) problem
>
>
> Hi Max.
>
> I fixed the "posting delay".
>
> On your IF unit, locate the very small test points labeled 8T and
> 8R. these should switch cleanly between rx and tx mode. In the
> opposite mod, the test points should read very close to 0 volts.
>
> I suspect a leaky diode that is keeping rx biased on just enough
> to give you the feed back. This is a common problem with the 850s
>
> b
>
> Markus Dully <mdully@...> wrote:
> Hi,
>
> I am a very new member of the list, and already posted my problem
> days ago,
> but due any reason I did not receive any listmails until today.
> Sorry, for reposting if you already received my first mail:
>
> I have one problem with my TS850S (bought it used few months ago):
> I hear myself during transmitting out of the speaker. It does not
> matter if

> I use internal or external speaker (I use MD100 mic or original mic)
> Of course moni button is off.
> The volume depends from the position of the moni control pot ! I
> have it of
> course at "0" position but problem is still there. On postion
> "10" I hear me
> during transmitting very loud out of the speaker with distorted
> mod however
> the MONI BUTTON is OFF !!
> The volume depends also from the PROC Control pot and the used power!
> It doesn?t depends which antenna I am using. I have the problem
> on all bands
> !
>
> Somebody know how to fix this problem ?
>
> 73s
> Max, OE6MDF
>
>
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>
>
> ---
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# 1619. AW: AW: [TS-850_450_690] Audio (Speaker) problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-26 23:59:08 UTC
From: Markus Dully
Topic: 1391  Message: 1619

Thanks,

The monitor circuit is not enabled. If I enable it, the MONI function work fine and clear, but my problem is a distorted audio which volume depends mostly from MONI control, as well as PROC control (when turned over 12 o clock), MIC gain also if turned over 12 o clock, High Boost and power.
What I already did is to break up the connection (removed R223) between IC7 output (Audio preamp for monitor) and IC6 (final Audio) input. Of course Monitor function did not work but my problem WAS STILL THERE !
I removed also CN11 (Volume control pot), it does not help also. I had no Audio during RX but still same problem during TX ! BTW my interference does not depend at the Volume control position.

Do you have any further suggestions ?

Regards,
Max

> -----Urspr?ngliche Nachricht-----
> Von: Bill K0ZL [mailto:coorsbill@...]
> Gesendet: Mittwoch, 26. November 2003 23:28
> An: TS-850_450_690@yahoogroups.com
> Betreff: Re: AW: [TS-850_450_690] Audio (Speaker) problem
>
>
> TXB, RXB yes thanks.
>
> Next step.. find the monitor circuit and find out why it's enabled.
>
> b
>
> Markus Dully <mdully@...> wrote:
> Hi Bill,
> Thanks for the answer.
> You mean TXB and RXB ?
> I checked these with a multimeter and its 8V or 0 V (TX/RX).
>
> 73s
> Max, OE6MDF
>
> > -----Urspr?ngliche Nachricht-----
> > Von: Bill K0ZL [mailto:coorsbill@...]
> > Gesendet: Mittwoch, 26. November 2003 14:44
> > An: TS-850_450_690@yahoogroups.com
> > Betreff: Re: [TS-850_450_690] Audio (Speaker) problem
> >

> >
> > Hi Max.
> >
> > I fixed the "posting delay".
> >
> > On your IF unit, locate the very small test points labeled 8T and
> > 8R. these should switch cleanly between rx and tx mode. In the
> > opposite mod, the test points should read very close to 0 volts.
> >
> > I suspect a leaky diode that is keeping rx biased on just enough
> > to give you the feed back. This is a common problem with the 850s
> >
> > b
> >
> > Markus Dully <mdully@...> wrote:
> > Hi,
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> > I am a very new member of the list, and already posted my problem
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> > Sorry, for reposting if you already received my first mail:
> >
> > I have one problem with my TS850S (bought it used few months ago):
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> > Of course moni button is off.
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> > mod however
> > the MONI BUTTON is OFF !!
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> > It doesn?t depends which antenna I am using. I have the problem
> > on all bands
> > !
> >
> > Somebody know how to fix this problem ?
> >
> > 73s
> > Max, OE6MDF
> >
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# 1620. Filter switches TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-26 22:01:40 UTC
From: gzerouaz
Topic: 1620  Message: 1620

Hi

First of all please accept my apologies if I have missed this information somewhere already, but I cant seem to find it anywhere.

I have just installed the YK-88SN-1 SSB Filter. I have the manual supplied with the 850, but it is not clear. Firstly in which slot I should place the SSB filter and secondly what to do with the switches once the filter is installed. Ive slotted the filter in and screwed down the relevant fixings. But when I scroll through the filter settings it does nothing more than it did before ie 6k, 2.7k and thats all? Ive switched all the switches in and out in the top panel.

TIA

Terry

G0UAZ

# 1621. Re: Filter switches TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-27 01:55:03 UTC
From: Max
Topic: 1620  Message: 1621

--- In TS-850_450_690@yahoogroups.com, "gzerouaz" <g0uaz@l...> wrote:
> Hi
>
> First of all please accept my apologies if I have missed this
> information somewhere already, but I cant seem to find it
anywhere.
>
> I have just installed the YK-88SN-1 SSB Filter. I have the manual
> supplied with the 850, but it is not clear. Firstly in which slot
I
> should place the SSB filter and secondly what to do with the
switches
> once the filter is installed. Ive slotted the filter in and
screwed
> down the relevant fixings. But when I scroll through the filter
> settings it does nothing more than it did before ie 6k, 2.7k and
> thats all? Ive switched all the switches in and out in the top
panel.
>
> TIA
>
> Terry

Terry,

Are you sure the filter is working? It doesn't matter which slot
you install it into, as long as it is on the RF board. With the
radio facing you upside down, either slot on the left side will do.
Then either switch # 3 or 4 should enable the filter, depending on
which slot you put it in. Of course if the filter isn't operative,
then it won't make a difference.

Max

Max

# 1622. Possible 450S Sidetone mod?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-27 04:00:29 UTC
From: smatda
Topic: 1622  Message: 1622

Me and a couple of guys were over on eHam discussing the fact that the sidetone freq on the 450 is fixed at 800 Hz. (The CW offset is adjustable...why Kenwood didn't do the same on the sidetone freq is beyond me..)

I looked at the schematic...the sidetone is produced by Z6, which has it's own schematic in the back of the manual.

Would it be possible to modify that circuit to allow a variable sidetone, say by using a variable capacitor?

Just wondering...

Steve, KE4MOB

# 1623. Re: [TS-850_450_690] Possible 450S Sidetone mod?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-27 04:34:47 UTC
From: Bill K0ZL
Topic: 1622  Message: 1623

Steve I would be glad to look at this for you but I can't spend all night looking through the book. What page is it on?

Also, that is why the 850 has 4 dds units and the 450 only two.. one of the 850 dds units is used to generate the sidetone on TX and is shifted with the receive beat note.

b

smatda <smatda@...> wrote:
Me and a couple of guys were over on eHam discussing the fact that the sidetone freq on the 450 is fixed at 800 Hz. (The CW offset is adjustable...why Kenwood didn't do the same on the sidetone freq is beyond me..)

I looked at the schematic...the sidetone is produced by Z6, which has it's own schematic in the back of the manual.

Would it be possible to modify that circuit to allow a variable sidetone, say by using a variable capacitor?

Just wondering...

Steve, KE4MOB

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# 1624. shopping 850 advice

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-27 04:48:58 UTC
From: desmoface
Topic: 1624  Message: 1624

Hey guys..I just found a needle in a haystack, a like new dsp-100..for $250!! Anyway, I guess it's time to upgrade to an 850 for that legendary 850/dsp-100 audio...

Anyway...any hints about what serial #'s I should be looking for??

Right now I'm running a ts450 that I've had since new and its been a great radio...Thanks in advance and I hope everyone has a great thanksgiving..

73's
de kb8viv
Steve

# 1625. Re: shopping 850 advice

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-27 13:11:43 UTC
From: Max
Topic: 1624  Message: 1625

--- In TS-850_450_690@yahoogroups.com, "desmoface" <Kb8viv@a...>
wrote:
> Hey guys..I just found a needle in a haystack, a like new dsp-
> 100..for $250!! Anyway, I guess it's time to upgrade to an 850
for
> that legendary 850/dsp-100 audio...

Hey Steve,

Congrats on finding the DSP100 at such a great price. That is less
than half the average selling price. As far as serial numbers go for
the 850's, hard to say. I've had a 10 mil unit and now have a 50
mil radio. Both operate about the same as far as I can tell. If
you check out the Kenwood service bulletins at the following site,
you will note some design changes Kenwood made in the radio, and
they tell you which production runs were effected.

http://www.kenwood.net/?do=SupportFileCategory&FileCatID=1

Max

# 1626. Re: [TS-850_450_690] Re: shopping 850 advice

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-27 16:20:54 UTC
From: Kb8viv@aol.com
Topic: 1624  Message: 1626

In a message dated 11/27/2003 8:12:42 AM Eastern Standard Time,
ve3tmt@... writes:

> Hey Steve,
>
> Congrats on finding the DSP100 at such a great price. That is less
> than half the average selling price. As far as serial numbers go for
> the 850's, hard to say. I've had a 10 mil unit and now have a 50
> mil radio. Both operate about the same as far as I can tell. If
> you check out the Kenwood service bulletins at the following site,
> you will note some design changes Kenwood made in the radio, and
> they tell you which production runs were effected.
>
> http://www.kenwood.net/?do=SupportFileCategory&FileCatID=1
>
> Max
>

Hi Max, thanks for the info..Yeah, I'm excited at my recent buy..Im looking
forward to getting it on the air...I have to find an 850 next...

OK max, have a great thanksgiving...

Steve
kb8viv

[Non-text portions of this message have been removed]

# 1627. 220mhz HT: Advice, and Looking To Buy

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-27 18:45:01 UTC
From: Bob Snelgrove
Topic: 1627  Message: 1627

Hi Guys

I'm looking for a 220 HT. Receive audio is a big deal for me which means probably an older Icom or?

I checked out the new Kenwood tri-bander, great rig but a little thin on the audio.

73's

bob

KG6TBY

# 1628. Re: [TS-850_450_690] 220mhz HT: Advice, and Looking To Buy

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-28 02:00:00 UTC
From: Bill K0ZL
Topic: 1627  Message: 1628

You can't beat the IC-3AT, oldie but goody Bob.

b

Bob Snelgrove <steelgtr@...> wrote:
Hi Guys

I'm looking for a 220 HT. Receive audio is a big deal for me which means
probably an older Icom or?

I checked out the new Kenwood tri-bander, great rig but a little thin on
the audio.

73's

bob

KG6TBY

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[Non-text portions of this message have been removed]

# 1629. Re: Possible 450S Sidetone mod?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-28 03:11:56 UTC
From: smatda
Topic: 1622  Message: 1629

Thanks Bill...check out page 93 of the 450 operator's manual...upper right corner.

Steve

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Steve I would be glad to look at this for you but I can't spend all night looking through the book. What page is it on?
>
> Also, that is why the 850 has 4 dds units and the 450 only two.. one of the 850 dds units is used to generate the sidetone on TX and is shifted with the receive beat note.
>
> b
>
> smatda <smatda@y...> wrote:
> Me and a couple of guys were over on eHam discussing the fact that
> the sidetone freq on the 450 is fixed at 800 Hz. (The CW offset is
> adjustable...why Kenwood didn't do the same on the sidetone freq is
> beyond me..)
>
> I looked at the schematic...the sidetone is produced by Z6, which has
> it's own schematic in the back of the manual.
>
> Would it be possible to modify that circuit to allow a variable
> sidetone, say by using a variable capacitor?
>
> Just wondering...
>
> Steve, KE4MOB
>
>
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>
> "If it bleeds, we can kill it" --Arnold Schwarzenegger in "Predator"

>
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> [Non-text portions of this message have been removed]

# 1630. Holiday Blessings to All

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-28 03:43:41 UTC
From: Bill
Topic: 1630  Message: 1630

To all my friends at Yahoo Groups.

Regardless of your faith, our prayer is for you and your family to be greatly blessed by God in this holiday season. May you all prosper in health, and see great miracles in your families and in our nations in the coming year.

We love you all.

73,

Bill and Bonnie Leahy
K0ZL, KB0HTC

From Luke Chapter 1 (nasb)
The Magnificat

46 And Mary said:
"My soul exalts the Lord,
47
And my spirit has rejoiced in God my Savior.
48
"For He has had regard for the humble state of His bondslave;
For behold, from this time on all generations will count me
blessed.
49
"For the Mighty One has done great things for me;
And holy is His name.
50
"AND HIS MERCY IS UPON GENERATION AFTER GENERATION
TOWARD THOSE WHO FEAR HIM.
51
"He has done mighty deeds with His arm;
He has scattered those who were proud in the thoughts of
their heart.
52
"He has brought down rulers from their thrones,
And has exalted those who were humble.
53
"HE HAS FILLED THE HUNGRY WITH GOOD THINGS;
And sent away the rich empty-handed.
54
"He has given help to Israel His servant,
In remembrance of His mercy,
55
As He spoke to our fathers,

To Abraham and his descendants forever."

# 1631. Re: [TS-850_450_690] Re: Possible 450S Sidetone mod?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-28 03:57:15 UTC
From: Bill K0ZL
Topic: 1622  Message: 1631

I have PDF only of the op manual, p 93 is the filter unit.

The sidetone generator is X59-1060-00 on the IF unit and is a twin-t type oscillator, with c2-c3-r6-r8 setting the audio frequency. the caps are 0.012uF, or 12,000 pF. There will be no variable cap that will fit in this area that will do what you want.

You are going to have to settle on a particular offset and then pad C2 and C3 with the appropriate SMD caps to drop the audio freq to match. Otherwise it will be hard to find zero beat for the other fellow as your reference oscillator will be off from your tx offset.

73,

Bill K0ZL

smatda <smatda@...> wrote:
Thanks Bill...check out page 93 of the 450 operator's manual...upper right corner.

Steve

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Steve I would be glad to look at this for you but I can't spend all night looking through the book. What page is it on?
>
> Also, that is why the 850 has 4 dds units and the 450 only two.. one of the 850 dds units is used to generate the sidetone on TX and is shifted with the receive beat note.
>
> b
>
> smatda <smatda@y...> wrote:
> Me and a couple of guys were over on eHam discussing the fact that
> the sidetone freq on the 450 is fixed at 800 Hz. (The CW offset is
> adjustable...why Kenwood didn't do the same on the sidetone freq is
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> I looked at the schematic...the sidetone is produced by Z6, which has
> it's own schematic in the back of the manual.
>
> Would it be possible to modify that circuit to allow a variable
> sidetone, say by using a variable capacitor?
>
> Just wondering...
>

> Steve, KE4MOB
>
>
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>
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# 1632. Re: AW: AW: [TS-850_450_690] Audio (Speaker) problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-28 04:22:53 UTC
From: Bill K0ZL
Topic: 1391  Message: 1632

Monitor muting on the IF unit is accomplished by turning on Q28. If the base-to-ground voltage is much less than 0.6 vdc when in TX mode with MON off, it will allow clipped audio to pass to the audio amp circuits.

T'shooting starts at Q28.

bill

Markus Dully <mdully@...> wrote:
Thanks,

The monitor circuit is not enabled. If I enable it, the MONI function work fine and clear, but my problem is a distorted audio which volume depends mostly from MONI control, as well as PROC control (when turned over 12 o clock), MIC gain also if turned over 12 o clock, High Boost and power.
What I already did is to break up the connection (removed R223) between IC7 output (Audio preamp for monitor) and IC6 (final Audio) input. Of course Monitor function did not work but my problem WAS STILL THERE !
I removed also CN11 (Volume control pot), it does not help also. I had no Audio during RX but still same problem during TX ! BTW my interference does not depend at the Volume control position.

Do you have any further suggestions ?

Regards,
Max

> -----Urspr?ngliche Nachricht-----
> Von: Bill K0ZL [mailto:coorsbill@yahoo.com]
> Gesendet: Mittwoch, 26. November 2003 23:28
> An: TS-850_450_690@yahoogroups.com
> Betreff: Re: AW: [TS-850_450_690] Audio (Speaker) problem
>
>
> TXB, RXB yes thanks.
>
> Next step.. find the monitor circuit and find out why it's enabled.
>
> b
>
> Markus Dully <mdully@...> wrote:
> Hi Bill,
> Thanks for the answer.
> You mean TXB and RXB ?
> I checked these with a multimeter and its 8V or 0 V (TX/RX).
>
> 73s

> Max, OE6MDF
>
> > -----Urspr?ngliche Nachricht-----
> > Von: Bill K0ZL [mailto:coorsbill@yahoo.com]
> > Gesendet: Mittwoch, 26. November 2003 14:44
> > An: TS-850_450_690@yahoogroups.com
> > Betreff: Re: [TS-850_450_690] Audio (Speaker) problem
> >
> >
> > Hi Max.
> >
> > I fixed the "posting delay".
> >
> > On your IF unit, locate the very small test points labeled 8T and
> > 8R. these should switch cleanly between rx and tx mode. In the
> > opposite mod, the test points should read very close to 0 volts.
> >
> > I suspect a leaky diode that is keeping rx biased on just enough
> > to give you the feed back. This is a common problem with the 850s
> >
> > b
> >
> > Markus Dully <mdully@gmx.at> wrote:
> > Hi,
> >
> > I am a very new member of the list, and already posted my problem
> > days ago,
> > but due any reason I did not receive any listmails until today.
> > Sorry, for reposting if you already received my first mail:
> >
> > I have one problem with my TS850S (bought it used few months ago):
> > I hear myself during transmitting out of the speaker. It does not
> > matter if
> > I use internal or external speaker (I use MD100 mic or original mic)
> > Of course moni button is off.
> > The volume depends from the position of the moni control pot ! I
> > have it of
> > course at "0" position but problem is still there. On postion
> > "10" I hear me
> > during transmitting very loud out of the speaker with distorted
> > mod however
> > the MONI BUTTON is OFF !!
> > The volume depends also from the PROC Control pot and the used power!
> > It doesn?t depends which antenna I am using. I have the problem
> > on all bands
> > !
> >
> > Somebody know how to fix this problem ?
> >
> > 73s

> > Max, OE6MDF
> >
> >
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# 1633. Re: Possible 450S Sidetone mod?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-28 05:48:26 UTC
From: smatda
Topic: 1622  Message: 1633

Thanks Bill...

I thought it looked like a twin t, but wasn't really sure.

Might tackle this as a winter project!

Steve

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> I have PDF only of the op manual, p 93 is the filter unit.
>
> The sidetone generator is X59-1060-00 on the IF unit and is a twin-
t type oscillator, with c2-c3-r6-r8 setting the audio frequency. the
caps are 0.012uF, or 12,000 pF. There will be no variable cap that
will fit in this area that will do what you want.
>
> You are going to have to settle on a particular offset and then pad
C2 and C3 with the appropriate SMD caps to drop the audio freq to
match. Otherwise it will be hard to find zero beat for the other
fellow as your reference oscillator will be off from your tx offset.
>
> 73,
>
> Bill K0ZL
>
> smatda <smatda@y...> wrote:
> Thanks Bill...check out page 93 of the 450 operator's
manual...upper
> right corner.
>
> Steve
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
> wrote:
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all
> night looking through the book. What page is it on?
> >
> > Also, that is why the 850 has 4 dds units and the 450 only two..
> one of the 850 dds units is used to generate the sidetone on TX and
> is shifted with the receive beat note.
> >
> > b
> >
> > smatda <smatda@y...> wrote:

> > Me and a couple of guys were over on eHam discussing the fact
that
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# 1634. AW: AW: AW: [TS-850_450_690] Audio (Speaker) problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-28 13:02:38 UTC
From: Markus Dully
Topic: 1391  Message: 1634

Yes, I know about Q28, but the problem is not the MONI muting, because I already broke up the connection between the monitor audio preamp and the final audio amp and the problem still there. Interesting is that, if the connection is open the MONI control has no influence on it, if it is connected than it has effect on it !
Q28 must switch correctly because the "correct" MONI function work fine.

73s
Max

> -----Urspr?ngliche Nachricht-----
> Von: Bill K0ZL [mailto:coorsbill@...]
> Gesendet: Freitag, 28. November 2003 05:23
> An: TS-850_450_690@yahoogroups.com
> Betreff: Re: AW: AW: [TS-850_450_690] Audio (Speaker) problem
>
>
> Monitor muting on the IF unit is accomplished by turning on Q28.
> If the base-to-ground voltage is much less than 0.6 vdc when in
> TX mode with MON off, it will allow clipped audio to pass to the
> audio amp circuits.
>
> T'shooting starts at Q28.
>
> bill
>
> Markus Dully <mdully@...> wrote:
> Thanks,
>
> The monitor circuit is not enabled. If I enable it, the MONI function work
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> mostly from MONI control, as well as PROC control (when turned over 12 o
> clock), MIC gain also if turned over 12 o clock, High Boost and power.
> What I already did is to break up the connection (removed R223)
> between IC7
> output (Audio preamp for monitor) and IC6 (final Audio) input. Of course
> Monitor function did not work but my problem WAS STILL THERE !
> I removed also CN11 (Volume control pot), it does not help also. I had no
> Audio during RX but still same problem during TX ! BTW my
> interference does
> not depend at the Volume control position.
>
> Do you have any further suggestions ?
>
> Regards,

> Max
>
> > -----Urspr?ngliche Nachricht-----
> > Von: Bill K0ZL [mailto:coorsbill@...]
> > Gesendet: Mittwoch, 26. November 2003 23:28
> > An: TS-850_450_690@yahoogroups.com
> > Betreff: Re: AW: [TS-850_450_690] Audio (Speaker) problem
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> >
> > TXB, RXB yes thanks.
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> > Next step.. find the monitor circuit and find out why it's enabled.
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> >
> > Markus Dully <mdully@...> wrote:
> > Hi Bill,
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> > I checked these with a multimeter and its 8V or 0 V (TX/RX).
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> > 73s
> > Max, OE6MDF
> >
> > > -----Urspr?ngliche Nachricht-----
> > > Von: Bill K0ZL [mailto:coorsbill@...]
> > > Gesendet: Mittwoch, 26. November 2003 14:44
> > > An: TS-850_450_690@yahoogroups.com
> > > Betreff: Re: [TS-850_450_690] Audio (Speaker) problem
> > >
> > >
> > > Hi Max.
> > >
> > > I fixed the "posting delay".
> > >
> > > On your IF unit, locate the very small test points labeled 8T and
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> > > I suspect a leaky diode that is keeping rx biased on just enough
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> > > b
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> > > Markus Dully <mdully@...> wrote:
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> > > I hear myself during transmitting out of the speaker. It does not
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# 1635. Re: [TS-850_450_690] 220mhz HT: Advice, and Looking To Buy

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-28 16:04:57 UTC
From: Bob Snelgrove
Topic: 1627  Message: 1635

I know, I'm using one, but I need pl tones :(

thx

bob

At 06:00 PM 11/27/2003 -0800, you wrote:
>You can't beat the IC-3AT, oldie but goody Bob.
>
>b
>
>Bob Snelgrove <steelgtr@...> wrote:
>Hi Guys
>
>I'm looking for a 220 HT. Receive audio is a big deal for me which means
>probably an older Icom or?
>
>I checked out the new Kenwood tri-bander, great rig but a little thin on
>the audio.
>
>73's
>
>bob
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# 1636. Re: Filter switches TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-28 22:41:12 UTC
From: gzerouaz
Topic: 1620  Message: 1636

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "gzerouaz" <g0uaz@l...>
wrote:
> > Hi
> >
> > First of all please accept my apologies if I have missed this
> > information somewhere already, but I cant seem to find it
> anywhere.
> >
> > I have just installed the YK-88SN-1 SSB Filter. I have the
manual
> > supplied with the 850, but it is not clear. Firstly in which
slot
> I
> > should place the SSB filter and secondly what to do with the
> switches
> > once the filter is installed. Ive slotted the filter in and
> screwed
> > down the relevant fixings. But when I scroll through the filter
> > settings it does nothing more than it did before ie 6k, 2.7k and
> > thats all? Ive switched all the switches in and out in the top
> panel.
> >
> > TIA
> >
> > Terry
>
> Terry,
>
> Are you sure the filter is working? It doesn't matter which slot
> you install it into, as long as it is on the RF board. With the
> radio facing you upside down, either slot on the left side will
do.
> Then either switch # 3 or 4 should enable the filter, depending on
> which slot you put it in. Of course if the filter isn't operative,
> then it won't make a difference.
>
> Max
>
> Max

Max

Thanks for the reply. I bought the filter second hand though eBay.
Is there a way to test it to see if it is working ?

Terry

G0UAZ

# 1637. Re: Filter switches TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-28 23:32:16 UTC
From: Max
Topic: 1620  Message: 1637

> Thanks for the reply. I bought the filter second hand though
eBay.
> Is there a way to test it to see if it is working ?
>
> Terry

Not sure myself Terry, anyone on the group help? Terry wants to
see if his IF filter is shot.

Max

# 1638. Re: [TS-850_450_690] 220mhz HT: Advice, and Looking To Buy

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-29 00:54:06 UTC
From: Bill K0ZL
Topic: 1627  Message: 1638

If you can find a TH-32 that's a nice package.

b

Bob Snelgrove <steelgtr@...> wrote:
I know, I'm using one, but I need pl tones :(

thx

bob

At 06:00 PM 11/27/2003 -0800, you wrote:
>You can't beat the IC-3AT, oldie but goody Bob.
>
>b
>
>Bob Snelgrove <steelgtr@...> wrote:
>Hi Guys
>
>I'm looking for a 220 HT. Receive audio is a big deal for me which means
>probably an older Icom or?
>
>I checked out the new Kenwood tri-bander, great rig but a little thin on
>the audio.
>
>73's
>
>bob
>
>
>KG6TBY
>
>
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# 1639. Re: [TS-850_450_690] Re: Filter switches TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-29 01:09:31 UTC
From: Bill K0ZL
Topic: 1620  Message: 1639

Pull out the stock one and put in the new one, not that hard.

b

Max <ve3tmt@...> wrote:

> Thanks for the reply. I bought the filter second hand though
eBay.
> Is there a way to test it to see if it is working ?
>
> Terry

Not sure myself Terry, anyone on the group help? Terry wants to
see if his IF filter is shot.

Max

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# 1640. ts850sat only puts out 10watts rf.-revised

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-29 15:22:07 UTC
From: n4qde
Topic: 1640  Message: 1640

Hi All,
its been a while since i posted here.the last time i post i had a problem with my 850 which was orginally the now famous ALC RAMPING problem.i got that problem fixed but only to discover that my 850 would only put out 10 watts no matter where i set the rf out control.it was as if the control was disconnected.i worked on it quite a while and asked for help here...and i got it.i checked the suggested components only to find them good.so i put the 850 in the closet while i pondered on it for a while -sort of like can't see the forrest for the trees kinda thing.a couple of months passed as i was super busy with work.one day i pulled the 850 out of the closet,turned it on and verified it had the same low power problem.i also noticed all the memory sets were back to their defaults and my memory channels were empty.i thought i should check the memory battery because alot of posters were reporting memory battery leakage and damage to their 850's.i checked mine only to find it was dead-but not leaking.so i ordered a new battery and new clip in battery mount from mouser.i installed the new clip and battery which already had 3.5 volts stored in it.when i finished the reassembly and powered up the 850 i began to check things out.i connected the rig to my dummy load and keyed the transmitter and my 850 was back up to full 100+ watts of rf power!!and i could adjust it from minimum to maximum levels.the battery was replaced over 4 months ago and my 850 has never had any more problems.SO IF YOUR 850 IS DOING STRANGE THINGS IT WOULD BE A GOOD IDEA TO CHECK THE MEMORY BATTERY.MY TROUBLE STARTED WHEN MY MEMORY BATTERY WAS GOING DEAD-HAVING LOWER THAN NORMAL VOTAGE.THATS WHEN MY RIG "LOCKED UP" AT 10 WATTS RF OUTPUT POWER.SORRY FOR THE LONG POST BUT,THERE WERE DETAILS TO TELL.HOPE THIS HELPS SOMEONE-THANKS Larry N4QDE 73!!

# 1641. Re: ts850sat only puts out 10watts rf.-revised

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-29 15:44:08 UTC
From: Max
Topic: 1640  Message: 1641

Very good post Larry,

You may save someone a lot of frustration. I have a battery holder I salvaged from an old motherboard. I should have intstalled it in mine while I had it apart doing the NB and 60m mod. The battery is on the same board as 60m diode. It's one of those things that you think really isn't that important until it's too late. I may get to it this afternoon. We got our first snowfall of the year today and the roads are pretty icy. Better off staying home and playing radio.

73,
Max

# 1642. Re: [TS-850_450_690] USB/LSB alignment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-29 17:27:20 UTC
From: Hervé BIRAUD
Topic: 1391  Message: 1642

Hello Max,

I don't really understand the process.
The service manuel is more complex, and need test equipment I don't have.
As far as I understand, you need a second receiver to monitor the signal
from the 850 while transmitting.
But nothing is said about what you should transmit. I don't even understand
what is the "bottom end of the audio" and what means "you should hear bottom
end of audio come up more bass response" ?

Any possible help would be appreciated.

Vy 73 de Herve F5HRY

----- Original Message -----
From: Max
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, November 26, 2003 6:53 PM
Subject: [TS-850_450_690] USB/LSB alignment

Bob,

I copied this from another site. This is the adjustment for TX,
but if you do this adjustment, you will find it also adjust the tone
on RX. I did this on mine to balance out the tone on USB & LSB.
Disconnect your antenna during the adjustment. All you want to hear
is the receiver noise.

Max

STEP #1 PUT THE RADIO ON 14.200KHZ,MODE EITHER USB OR LSB.

STEPS #2 TURN THE RADIO OFF.

STEP #3 WHILE PUSHING THE F.LOCK KEY TURN THE RADIO ON WITH POWER
BUTTON.

STEP #4 A MENU WILL BE DISPLAYED, WITH THE M.CH/VFO CH KNOB, MAKE
SURE THE DISPLAY SHOWS
(MENU NO. 00).

STEP #5 PUT MODE SWITCH TO LSB. HAVE THE 8.83MHZ FILTER KEY IN THE
6KHZ POSITION. TRANSMIT INTO DUMMY LOAD AND TURN VR501 WHICH IS
UNDER DOOR ON TOP LEFT OF RADIO COVER FULLY COUNTER CLOCK WISE WHILE
LISTENING TO MONITOR RECEIVER ON SAME FREQ, YOU SHOULD HEAR BOTTOM
END OF AUDIO COME UP.

STEP #6 PUT TS-850S ON USB AND MONITOR RECEIVER ON USB SAME FREQ 14.200MHZ.FOLLOW SAME AS STEP #5 TURNING VR502 ALSO COUNTER CLOCK WISE, YOU SHOULD HEAR BOTTOM END OF AUDIO COME UP MORE BASS RESPONSE THAT'S WHAT YOU WANT TO HEAR.

STEP #7 PUT 8.83MHZ FILTER KEY TO 2.7KHZ POSITION, NOW TURN M.CH/VFO.CH KNOB SO THAT DISPLAY ON TS-850S READS (MENU NO.01) SWITCHING BETWEEN USB AND LSB AND LISTENING ON SAME ON MONITOR RECEIVER RADIO, BALANCE AUDIO TONE BETWEEN LSB AND USB USING ADJUSTMENT POT VR503 TO BALANCE TRANSMIT AUDIO TONE OF THE TS-850S.

STEP #8 ONCE YOU ARE DONE AND WANT TO KEEP UR ADJUSTMENTS PUSH THE CLR KEY WHICH IS TO THE RIGHT OF THE MIC GAIN/PWR KNOB, THIS WILL EXIT THE MENU AND LOCK IN YOUR NEW CARRIER POINT SETTINGS ON THE TS-850S.

BE CAREFUL NOT TO DAMAGE THE VR501TO503 POTS. USE THE PROPER ALIGNMENT TOOL.

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# 1643. Re: USB/LSB alignment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-29 19:50:55 UTC
From: Max
Topic: 1391  Message: 1643

--- In TS-850_450_690@yahoogroups.com, Hervé BIRAUD <f5hry@w...>
wrote:
> Hello Max,
>
> I don't really understand the process.
> The service manuel is more complex, and need test equipment I
don't have.
> As far as I understand, you need a second receiver to monitor the
signal
> from the 850 while transmitting.
> But nothing is said about what you should transmit. I don't even
understand
> what is the "bottom end of the audio" and what means "you should
hear bottom
> end of audio come up more bass response" ?
>
> Any possible help would be appreciated.
>
> Vy 73 de Herve F5HRY

Herve,

The adjustment are really for bringing the bottom end, meaning low frequencies up in the transmit mode. Just to let you transmit more bass for a fuller sound. But you will find it also will adjust your tone on USB and LSB. My USB was higher in "noise frequency" than my LSB. By performing this adjustment I was able to balance them out.

Max

In this text the "bottom end" mean the lower frequencies of speech, below 150 hz.

# 1644. Re: [TS-850_450_690] USB/LSB alignment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-29 21:49:13 UTC
From: Bob Snelgrove
Topic: 1391  Message: 1644

Me neither,

The "YOU SHOULD HEAR BOTTOM END OF AUDIO COME UP MORE BASS RESPONSE
THAT'S WHAT YOU WANT TO HEAR." part is not clear to me.

Thanks for posting it, tho :)

bob

At 05:27 PM 11/29/2003 -0000, you wrote:
>Hello Max,
>
>I don't really understand the process.
>The service manuel is more complex, and need test equipment I don't have.
>As far as I understand, you need a second receiver to monitor the signal
>from the 850 while transmitting.
>But nothing is said about what you should transmit. I don't even understand
>what is the "bottom end of the audio" and what means "you should hear bottom
>end of audio come up more bass response" ?
>
>Any possible help would be appreciated.
>
>Vy 73 de Herve F5HRY
>
> ----- Original Message -----
> From: Max
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, November 26, 2003 6:53 PM
> Subject: [TS-850_450_690] USB/LSB alignment
>
>
> Bob,
>
> I copied this from another site. This is the adjustment for TX,
> but if you do this adjustment, you will find it also adjust the tone
> on RX. I did this on mine to balance out the tone on USB & LSB.
> Disconnect your antenna during the adjustment. All you want to hear
> is the receiver noise.
>
> Max
>
>
> STEP #1 PUT THE RADIO ON 14.200KHZ,MODE EITHER USB OR LSB.
>
> STEPS #2 TURN THE RADIO OFF.
>

> STEP #3 WHILE PUSHING THE F.LOCK KEY TURN THE RADIO ON WITH POWER
> BUTTON.
>
> STEP #4 A MENU WILL BE DISPLAYED, WITH THE M.CH/VFO CH KNOB, MAKE
> SURE THE DISPLAY SHOWS
> (MENU NO. 00).
>
> STEP #5 PUT MODE SWITCH TO LSB. HAVE THE 8.83MHZ FILTER KEY IN THE
> 6KHZ POSITION. TRANSMIT INTO DUMMY LOAD AND TURN VR501 WHICH IS
> UNDER DOOR ON TOP LEFT OF RADIO COVER FULLY COUNTER CLOCK WISE WHILE
> LISTENING TO MONITOR RECEIVER ON SAME FREQ, YOU SHOULD HEAR BOTTOM
> END OF AUDIO COME UP.
>
> STEP #6 PUT TS-850S ON USB AND MONITOR RECEIVER ON USB SAME FREQ
> 14.200MHZ.FOLLOW SAME AS STEP #5 TURNING VR502 ALSO COUNTER CLOCK
> WISE, YOU SHOULD HEAR BOTTOM END OF AUDIO COME UP MORE BASS RESPONSE
> THAT'S WHAT YOU WANT TO HEAR.
>
> STEP #7 PUT 8.83MHZ FILTER KEY TO 2.7KHZ POSITION, NOW TURN
> M.CH/VFO.CH KNOB SO THAT DISPLAY ON TS-850S READS (MENU NO.01)
> SWITCHING BETWEEN USB AND LSB AND LISTENING ON SAME ON MONITOR
> RECEIVER RADIO, BALANCE AUDIO TONE BETWEEN LSB AND USB USING
> ADJUSTMENT POT VR503 TO BALANCE TRANSMIT AUDIO TONE OF THE TS-850S.
>
> STEP #8 ONCE YOU ARE DONE AND WANT TO KEEP UR ADJUSTMENTS PUSH THE
> CLR KEY WHICH IS TO THE RIGHT OF THE MIC GAIN/PWR KNOB, THIS WILL
> EXIT THE MENU AND LOCK IN YOUR NEW CARRIER POINT SETTINGS ON
> THE TS-850S.
>
> BE CAREFUL NOT TO DAMAGE THE VR501TO503 POTS. USE THE PROPER
> ALIGNMENT TOOL.
>
>
>
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# 1645. Re: [TS-850_450_690] Re: USB/LSB alignment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-29 21:50:00 UTC
From: Bob Snelgrove
Topic: 1391  Message: 1645

Max

Is this why my LSB is always louder than USB?

thx

bob

At 07:50 PM 11/29/2003 -0000, you wrote:
>--- In TS-850_450_690@yahoogroups.com, Hervé BIRAUD <f5hry@w...>
>wrote:
>> Hello Max,
>>
>> I don't really understand the process.
>> The service manuel is more complex, and need test equipment I
>don't have.
>> As far as I understand, you need a second receiver to monitor the
>signal
>> from the 850 while transmitting.
>> But nothing is said about what you should transmit. I don't even
>understand
>> what is the "bottom end of the audio" and what means "you should
>hear bottom
>> end of audio come up more bass response" ?
>>
>> Any possible help would be appreciated.
>>
>> Vy 73 de Herve F5HRY
>
>Herve,
>
>The adjustment are really for bringing the bottom end, meaning low
>frequencies up in the transmit mode. Just to let you transmit more
>bass for a fuller sound. But you will find it also will adjust your
>tone on USB and LSB. My USB was higher in "noise frequency" than my
>LSB. By performing this adjustment I was able to balance them out.
>
>Max
>
>In this text the "bottom end" mean the lower frequencies of speech,
>below 150 hz.
>
>
>
>THANKS FOR USING TS-850_450_690@...
>

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# 1646. Re: USB/LSB alignment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-29 22:56:07 UTC
From: Max
Topic: 1391  Message: 1646

--- In TS-850_450_690@yahoogroups.com, Bob Snelgrove <steelgtr@i...>
wrote:
> Max
>
> Is this why my LSB is always louder than USB?
>

Bob,

What do you mean by louder?

Max

# 1647. Re: [TS-850_450_690] Re: USB/LSB alignment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-29 23:17:22 UTC
From: Bob Snelgrove
Topic: 1391  Message: 1647

If I tune a local AM broadcast station and switch to LSB and USB, LSB is always louder, like in turn up the volume :)

thx

bob

At 10:56 PM 11/29/2003 -0000, you wrote:
>--- In TS-850_450_690@yahoogroups.com, Bob Snelgrove <steelgtr@i...>
>wrote:
>> Max
>>
>> Is this why my LSB is always louder than USB?
>>
>
>Bob,
>
>What do you mean by louder?
>
>Max
>
>
>
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>
>
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# 1648. Re: [TS-850_450_690] ts850sat only puts out 10watts rf.-revised

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-11-30 00:39:22 UTC
From: Bill K0ZL
Topic: 1640  Message: 1648

Thanks Larry,

That's what this group is for.

I would have never thought of doing a uP reset for low power output!

bill

n4qde <wldn96@...> wrote:
Hi All,
its been a while since i posted here.the last time i post i had a problem with my 850 which was orginally the now famous ALC RAMPING problem.i got that problem fixed but only to discover that my 850 would only put out 10 watts no matter where i set the rf out control.it was as if the control was disconnected.i worked on it quite a while and asked for help here...and i got it.i checked the suggested components only to find them good.so i put the 850 in the closet while i pondered on it for a while -sort of like can't see the forrest for the trees kinda thing.a couple of months passed as i was super busy with work.one day i pulled the 850 out of the closet,turned it on and verified it had the same low power problem.i also noticed all the memory sets were back to their defaults and my memory channels were empty.i thought i should check the memory battery because alot of posters were reporting memory battery leakage and damage to their 850's.i checked mine only to find it was dead-but not leaking.so i ordered a new battery and new clip in battery mount from mouser.i installed the new clip and battery which already had 3.5 volts stored in it.when i finished the reassembly and powered up the 850 i began to check things out.i connected the rig to my dummy load and keyed the transmitter and my 850 was back up to full 100+ watts of rf power!!and i could adjust it from minimum to maximum levels.the battery was replaced over 4 months ago and my 850 has never had any more problems.SO IF YOUR 850 IS DOING STRANGE THINGS IT WOULD BE A GOOD IDEA TO CHECK THE MEMORY BATTERY.MY TROUBLE STARTED WHEN MY MEMORY BATTERY WAS GOING DEAD-HAVING LOWER THAN NORMAL VOTAGE.THATS WHEN MY RIG "LOCKED UP" AT 10 WATTS RF OUTPUT POWER.SORRY FOR THE LONG POST BUT,THERE WERE DETAILS TO TELL.HOPE THIS HELPS SOMEONE-THANKS Larry N4QDE 73!!

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# 1649. TS-450S with antenna tuner For Sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-01 18:03:27 UTC
From: W. Hansen
Topic: 1649  Message: 1649

I have an exceptionally clean Kenwood TS-450S/AT listed For Sale on
eBay. It is complete and even has a CW filter.

I have included lots of pictures in the listing.

Click here to see it:
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3062702982

I live in the Denver area so you can save the shipping if you choose to
pick it up or we can meet somewhere.

Thanks for looking.

Bill k0owo

rfpexec@...
303.674.0510

=====
http://RoyaltyFreePhotos.com
**********
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---
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http://antispam.yahoo.com/whatsnewfree

# 1650. - SOLD - TS-450S with antenna tuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-01 20:14:58 UTC
From: W. Hansen
Topic: 1650  Message: 1650

Thank you,

The TS-450S sold within minutes of posting it here.

Thanks,

Bill

=====
http://RoyaltyFreePhotos.com
**********
**********

---
Do you Yahoo!?
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http://companion.yahoo.com/

# 1651. FOR SALE--- APHEX 104 AURAL EXCITER TYPE C WITH BIG BOTTOM

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-05 05:50:15 UTC
From: SJD N6RRV
Topic: 1651  Message: 1651

I HAVE AN APHEX 104 AURAL EXCITER, TYPE C WITH BIG BOTTOM FOR SALE. $50.00. GREAT CONDITION AND WORKS GREAT......

SCOTT J. DICKINSON N6RRV

[Non-text portions of this message have been removed]

# 1652. 319 members now!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-05 15:49:54 UTC
From: Bill
Topic: 1652  Message: 1652

Growing fast...

73!

Bill K0ZL

# 1653. Internal HF problem with TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-06 10:55:17 UTC
From: Markus Dully
Topic: 1653  Message: 1653

Hi,

I already posted my problem before, that my speaker give during transmitting distored audio back.
The reason is the +14V DC for the TDA2002 audio amp is HF "infected" (TX frequency).
Wherever I will take the +14VDC for the audio amp, its always the same problem.
If I supply the audio amp from an another external power supply, the problem disappear.

I already changed:
- audio final amp
- the 2 caps near pin5 supply of the TDA2002
- the 2 caps (1000?F) at the X46 D/4 "Digital" board (=power board) near the RF Choke coil L601

- the L601 seems that it went hot, because the tape around the copper wire seems not new. maybe little overheated a time ago (I bought my TS850 at second hand)

Somebody had a similar problem, and how did you solve it?

73s
Max

# 1654. Re: [TS-850_450_690] Internal HF problem with TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-06 14:06:05 UTC
From: Bruce Muscolino
Topic: 1653  Message: 1654

?
> If I supply the audio amp from an another external power supply, the problem
> disappear.
>
From here it sounds like your power supply is interacting with two
separate circuits. Using the same power supply for all circuits is a
time honoured practice, but the supply is decoupled before being used by
each circuit. I would follow the -24 volt supply line as it goes
through the radio and look for the decoupling capacitor. Often they
will take on values of .991 mf, .01 mF, and 100 mF, ot some such
combination. They are connected directly across the supply lime to
ground. The leads will be very short. There will be one set for each
circuit being supplied. Look carefully at these starting at the audio
stage and working back, Somewhere I'd bet you will find the problem.

73
>

# 1655. FOR SALE: BEHRINGER ULTRAFEX EX3200 SOUND ENHANCER/EXCITER

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-08 19:01:49 UTC
From: SJD N6RRV
Topic: 1655  Message: 1655

SCOTT J. DICKINSON N6RRV

[Non-text portions of this message have been removed]

# 1656. Fw: FOR SALE: BEHRINGER ULTRAFEX EX3200 SOUND ENHANCER/EXCITER

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-08 19:09:47 UTC
From: SJD N6RRV
Topic: 1656  Message: 1656

FELLOW HAMS:

I HAVE A MINT CONDITION BEHRINGER "ULTRAFEX PRO" MULTIBAND SOUND ENHANCER/EXCITER, MODEL EX 3200. GREAT FOR ENHANCING YOUR AUDIO AND THAT EXTRA "POLISH" ON YOUR AUDIO. SOUNDS GREAT, LOOKS GREAT AND WORKS PERFECTLY. NO MARKS OR SCRATCHES, IN NON-SMOKING ENVIRONMENT. $60.00 PLUS SHIPPING.

SCOTT J. DICKINSON N6RRV

----- Original Message -----
From: SJD N6RRV
To: TS-850_450_690@yahoogroups.com ; ssbaudio@yahoogroups.com ; hex-beam@yahoogroups.com
Sent: Monday, December 08, 2003 11:01 AM
Subject: FOR SALE: BEHRINGER ULTRAFEX EX3200 SOUND ENHANCER/EXCITER

SCOTT J. DICKINSON N6RRV

[Non-text portions of this message have been removed]

# 1657. Re: [TS-850_450_690] Internal HF problem with TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-06 21:02:09 UTC
From: Bill K0ZL
Topic: 1653  Message: 1657

Max, that's a strange one for sure.

What kind of antenna are you running?

Does it do the same thing when you are connected to a dummy load?

bill

Markus Dully <mdully@...> wrote:
Hi,

I already posted my problem before, that my speaker give during transmitting distored audio back.
The reason is the +14V DC for the TDA2002 audio amp is HF "infected" (TX frequency).
Wherever I will take the +14VDC for the audio amp, its always the same problem.
If I supply the audio amp from an another external power supply, the problem disappear.

I already changed:
- audio final amp
- the 2 caps near pin5 supply of the TDA2002
- the 2 caps (1000?F) at the X46 D/4 "Digital" board (=power board) near the RF Choke coil L601

- the L601 seems that it went hot, because the tape around the copper wire seems not new. maybe little overheated a time ago (I bought my TS850 at second hand)

Somebody had a similar problem, and how did you solve it?

73s
Max

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[Non-text portions of this message have been removed]

# 1658. decoding TS-850S serial numbers

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-07 02:01:08 UTC
From: Tim Hoy
Topic: 1658  Message: 1658

Hello everyone,
Has anyone figured out how to decode Kenwood serial numbers? I'm probably sending too much time worrying about it, but I'm curious.
Thanks and 73,
Tim

[Non-text portions of this message have been removed]

# 1659. Fw: [TS-850_450_690] Re: decode serial numbers

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-07 13:19:55 UTC
From: Eric
Topic: 1659  Message: 1659

----- Original Message -----
From: "Duncan Cameron" <dxer10@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, November 07, 2003 3:00 PM
Subject: Re: [TS-850_450_690] Re: Potential Buyer

> Paul-
> You are correct!
> The Kenwood Serial Numbering system uses the following standard-
> The first digit (minus 2) is the year
> the next two digits indicates the month of manufacture
> the remaining digits indicate the unit number manufactured that month
> Scott C./KA1MUY
>
>

# 1660. TS850 with MD100 mic- quiet in FM

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-07 13:23:17 UTC
From: Markus Dully
Topic: 1660  Message: 1660

Hi,

I use my TS850 together with an MD-100 from Yaesu and it works very fine in SSB, but on FM I have a very quiet mod.
I found following mod at the 850 Repair page:
---
CT2HMX sent me the following - radio fails in the FM transmit mode - FM microphone amplifier not working: I saw the Board X59-3000-03, FM mic amp and all components were okay. I put a 1 kHz tone, 5 mv, into the the mic input on the front of the radio and saw the signal on C630 on the RF board (X44-3120-00). I did not see the signal on the collector of Q609 however. The hfe (beta) of this transistor was very low and I replaced Q609 (2SC2912A) on RF board and the problem was solved. The old transistor wasn't bad - but the hfe gain was very low and caused the failure.
---

But with the original mic from kenwood my mod on FM is ok.
Does the MD-100 not work together with Kenwood?

73s
Max, OE6MDF

# 1662. TS-850 AGC/S Meter ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-07 19:20:41 UTC
From: Bob Snelgrove
Topic: 1662  Message: 1662

Hi Guys

Why doesn't my S meter work when AGC is set to "Off"

73

bob

KG6TBY

# 1663. Re: [TS-850_450_690] TS-850 AGC/S Meter ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-07 20:53:10 UTC
From: Bill K0ZL
Topic: 1662  Message: 1663

The S meter reads the AGC voltage on the AGC buss. when you turn the AGC off this bias voltage goes away.

b

Bob Snelgrove <steelgtr@...> wrote:
Hi Guys

Why doesn't my S meter work when AGC is set to "Off"

73

bob

KG6TBY

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# 1664. DSP for TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-07 23:40:38 UTC
From: Norm
Topic: 1664  Message: 1664

Greetings,
Would be interested to know if the DSP unit that was originally manufactured for the 850 (DSP-100..I think) might be a worthwhile addition to the shack. Any feedback is always appreciated.

Happy Holidays,

Norm
K3ACE
Corner Ketch, Delaware

# 1665. Re: [TS-850_450_690] DSP for TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-07 23:56:18 UTC
From: Kb8viv@aol.com
Topic: 1664  Message: 1665

In a message dated 12/7/2003 6:41:57 PM Eastern Standard Time,
nhare3@... writes:

> Greetings,
> Would be interested to know if the DSP unit that was originally
> manufactured for the 850 (DSP-100..I think) might be a worthwhile
> addition to the shack. Any feedback is always appreciated.
>
>
> Happy Holidays,
>
> Norm
>

Hi Norm...I just received mine this past week, for my ts450..I've had reports anywhere from "I didn't hear much of a difference" to "best sounding 450 I've ever heard."

I'm not running any outboard audio gear and the mic is just a heil hm-10..I bought it because I got a great deal on it and they are very hard to find...Also, I plan on picking up and 850 eventually and maybe trying some outboard processing/broadcasting microphones...

If you want some great info on the dsp-100/850 combo try:

www.ssb-audio.com/forum/index.php

www.ka0ka.com

Also, nu9n has a nice website with soundbites...the 850 can do wonders when paired with the dsp-100..and since they haven't made the dsp-100 in a while they are fetching a hefty premium...good luck..if you find a nice dsp-100 for a good price I'd jump on it..

Steve
kb8viv

P.S. If you'd like to hear it pick a time and freq and I'll let you hear mine...

[Non-text portions of this message have been removed]

# 1666. Re: [TS-850_450_690] DSP for TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-08 00:48:43 UTC
From: Bill K0ZL
Topic: 1664  Message: 1666

If you can find one, yes. It will add somewhat to the value of your rig. Also is great for extending the TX audio range, and it makes for great AM on the 850.

bill

Norm <nhare3@...> wrote:
Greetings,
Would be interested to know if the DSP unit that was originally
manufactured for the 850 (DSP-100..I think) might be a worthwhile
addition to the shack. Any feedback is always appreciated.

Happy Holidays,

Norm
K3ACE
Corner Ketch, Delaware

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# 1667. Re: [TS-850_450_690] DSP for TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-08 01:02:34 UTC
From: Eric
Topic: 1664  Message: 1667

Norm,

I just acquired a like new dsp-100 one week ago and can tell you this much about the 850/dsp-100 combo:
was it (dsp-100) worth the $540? Hard to say, probably not, but when it comes to my hobby, I will justify $ over actual value of an item and I think the dsp is definitely an asset to operating.

I have found the dsp-100 makes for easy listening, very quit and is on all the time. When used w/the 850's filters it is great. The dsp, even though first generation dsp, does not have the 'watery' sound the TS-2000. I think continues to beat the 2000 in performance and dsp performance. Read the reviews at eham under dsp--mostly true except for the guy who found no improvement (turn the thing on!?)

Eric
----- Original Message -----
From: "Bill K0ZL" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, December 07, 2003 6:48 PM
Subject: Re: [TS-850_450_690] DSP for TS-850

> If you can find one, yes. It will add somewhat to the value of your rig. Also is great for extending the TX audio range, and it makes for great AM on the 850.
>
> bill
>
> Norm <nhare3@...> wrote:
> Greetings,
> Would be interested to know if the DSP unit that was originally
> manufactured for the 850 (DSP-100..I think) might be a worthwhile
> addition to the shack. Any feedback is always appreciated.
>
>
> Happy Holidays,
>
> Norm
> K3ACE
> Corner Ketch, Delaware
>
>
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# 1668. Increasing FM modulation at TS850 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-08 13:32:25 UTC
From: Markus Dully
Topic: 1653  Message: 1668

Hi,

Is it possible with one resistor or capacitor to increase the FM-modulation
(on the FM-Amp board)?

73s
Max>

# 1669. Re: Increasing FM modulation at TS850 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-08 16:32:17 UTC
From: Max
Topic: 1653  Message: 1669

--- In TS-850_450_690@yahoogroups.com, "Markus Dully" <mdully@g...>
wrote:
> Hi,
>
> Is it possible with one resistor or capacitor to increase the FM-
modulation
> (on the FM-Amp board)?
>
> 73s
> Max>

Remove the top cover of the TS850. On the left hand side near the front of the radio, you will see a small circuit board with 3 variable pots on it, labelled VR601, VR602 and VR603. VR601 is the FM mic sensitivity adjustment. This will increase your FM modulation. Best to monitor your audio on a second receiver, as over adjustment will cause you to overdeviate and your audio will cut out.

73,
Max

# 1670. Re: DSP

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-08 18:28:00 UTC
From: merckxist
Topic: 1670  Message: 1670

Since the DSP100 for the TS-850 is so scarce and expensive, has anyone tried other brand, add on dsp units?Particularly the SGC
add on board or speaker?I have an SG-2020 with the ADSP2 and it seems to work very well for noise reduction.Of course it's an audio
level unit, not IF, like the DSP100.
Al
KJ5GT

# 1671. Re: [TS-850_450_690] Re: DSP

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-08 19:05:00 UTC
From: Kb8viv@aol.com
Topic: 1670  Message: 1671

In a message dated 12/8/03 10:47:49 AM Pacific Standard Time,
kj5gt@... writes:
Since the DSP100 for the TS-850 is so scarce and expensive, has anyone tried
other brand, add on dsp units?Particularly the SGC
add on board or speaker?I have an SG-2020 with the ADSP2 and it seems to work
very well for noise reduction.Of course it's an audio
level unit, not IF, like the DSP100.
Al
KJ5GT
Hi Al, it wouldnt work on transmit as the dsp-100 does..with the
dsp-100/ts850 combo, it is possible to access the hidden menus and open up transmit out to
6 kc's wide...but, it only works when using the dsp-100..you can access the
menus without the dsp-100 but you will be transmitting in double sideband if
you dont have the dsp-100 connected....a real no no..

Steve
kb8viv

[Non-text portions of this message have been removed]

# 1672. RE: [TS-850_450_690] Re: DSP

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-08 20:13:40 UTC
From: Duncan Cameron
Topic: 1670  Message: 1672

Al- I have tried to interest a "third party" electronics manufacturer in prototyping a unit that would perform a function similar to the DSP-100, but they feel that there is not a large enough market for the product. (they are probably right) Additionally, the DSP-100 is technologically outdated by later DSP units, although I have owned and used the TS-870 and TS-850 with DSP-100 and I found the 850/DSP-100 to be a better perfomer in general. The 870 is easier to use, but you have more flexibility in setting up the DSP-100 and the 850. This flexibility can sometimes get you in trouble.
Scott C.

>From: "merckxist" <kj5gt@...>
>Reply-To: TS-850_450_690@yahoogroups.com
>To: TS-850_450_690@yahoogroups.com
>Subject: [TS-850_450_690] Re: DSP
>Date: Mon, 08 Dec 2003 18:28:00 -0000
>
>Since the DSP100 for the TS-850 is so scarce and expensive, has anyone
>tried other brand, add on dsp units?Particularly the SGC
>add on board or speaker?I have an SG-2020 with the ADSP2 and it seems to
>work very well for noise reduction.Of course it's an audio
>level unit, not IF, like the DSP100.
>Al
>KJ5GT
>
>
>
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http://special.msn.com/home/warmhome.armx

# 1673. IF DSP vs. AF DSP

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-08 21:06:37 UTC
From: Max
Topic: 1670  Message: 1673

To quote from my original message # 1498,

Understand is that the DSP100 for the
TS450/850 is an IF DSP unit. The TimeWave, Radio Shack DSP40 etc
are all AF based units. They are not the same. Also the
frequencies generated in the IF DSP unit you choose to use MUST
match those that the Kenwood requires or it is not going to work.
Although it is much easier to use an audio DSP unit, the results are
less rewarding. In an IF DSP unit, the offending noise, interfering
signals, etc are all removed in the IF stages, long before you even
hear it. In an audio DSP unit, all that garbage still makes its way
to the speaker, it is just masked. As an example, lets say I am in
QSO on 7.250 and someone keys up on 7.249 with an S9+20dB carrier.
If I hit the beat cancel (auto-notch) on my TS570, it will block the
audio tone, but the S9+20db carrier is still there showing on my
meter. If the guy I was talking to was only S5, he will be wiped
out. If I was to do the same thing in an IF based DSP rig, the
carrier is removed long before the detector and audio amplifier
stages. So not only do I not hear the offending tone, but the
carrier is gone as well, so I can still copy my S5 friend. That is
why there is such a difference in price between an IF DSP rig and an
AF DSP rig.

I have been looking closely at the SGC DSP units. Not so much that
I think I need DSP, never used it on my 570. But it may be a neat
addition to the 850. If I could figure out where to mount the two
switches used by the SGC unit, it might be worth it. I think the
going market price for the DSP100 units is just plain ridiculous. I
would love to have one, but with the proper EQ setup my 850 sounds
very good, so I am told. If anyone is looking for an external EQ
unit, check out the Behringer PEQ-2200. It is a five band
parametric EQ that will realy bring out your audio.

If anyone has any ideas for a DSP unit for the 450/850 let us know.

Max

# 1674. Re: [TS-850_450_690] Increasing FM modulation at TS850 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-08 21:35:53 UTC
From: Bill K0ZL
Topic: 1653  Message: 1674

There are two pots for FM Dev, make sure you are on the 12kHz filter before you adjust the NBFM one.

b

Markus Dully <mdully@...> wrote:
Hi,

Is it possible with one resistor or capacitor to increase the FM-modulation
(on the FM-Amp board)?

73s
Max>

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# 1675. CW using my TS-450 and computer?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-09 21:49:35 UTC
From: W. Hansen
Topic: 1675  Message: 1675

I would like to do CW using the 850 and my computer.

I would like to have the CW decoded and printed on the screen and be able to type the letters on my keyboard and have then coded to CW and transmitted by the 850.

I DO NOT want to do packet, amtor, rtty or anything else....just straight CW.

What is a Fast, Easy, Simple and Inexpensive way to do this?

Thanks,

Bill
k0owo

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# 1676. External DSP from SGC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-09 22:40:37 UTC
From: vtnn43e48073
Topic: 1676  Message: 1676

Being unable to afford a DSP-100 I looked into the SGC ADSP2. The reviews said a lot of good things about it so I took a chance on one. It was worth every penny! I have it mounted in a external box that goes to my Kenwood SP-31. It is almost always in use in X1 mode (13db of noise reduction). I live in a noisy area and it enables me to hear QSO's that would be down in the noise. For the first time I can now listen to 160M on my long wire!
If you are interested take a look at the SGC web site at http://www.sgcworld.com/news/ADSP2Introduction.html

BTW, another fine line of products that SGC makes are their remote antenna couplers. I have the SG-237 and it will tune any wire without the operator having to do anything. It is fully automatic. Great stuff from a great company.

73
Zack Schindler
N8FNR

# 1677. Re: CW using my TS-450 and computer?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-10 00:36:37 UTC
From: Max
Topic: 1675  Message: 1677

Bill,

Personally I use MixW which is a multimode program. It does CW, RTTY, SSTV, PSK31 and lots more. I have tried just about all of them out there and find this one the best. Used it during the CW contest a few weeks ago and worked FB! I built a PC interface for the 850 which switches the rig for TX and controls mode, frequency and everything else. You can check it out at www.mixw.net

Max

# 1678. Re: External DSP from SGC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-10 00:39:43 UTC
From: Max
Topic: 1676  Message: 1678

Glad to hear the ADSP unit is working Zack. I have been looking at these for a while now. I would like to mount mine inside the 850 and use the NB buttons to operate it. I always have NB1 on anyway, and never use NB2. Perhaps I could wire the NB pots to control something on the SGC unit. I am also using one of their tuners, the 239. Tunes my 25' vertical 80-10m no trouble. I even smoked a 12kv cap in my first unit and they replaced it no questions asked. Fantastic company to deal with.

Max

# 1679. Recommendation for Monitor Scopes for the TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-11 16:38:10 UTC
From: Duncan Cameron
Topic: 1679  Message: 1679

Hello all-
I am looking for recommendations and advice on an appropriate monitor scope to use with the 850. Something in the Heathkit line, a TEK, or something that I could easily make work with the 850. I don't want to spend over $125.00 (max). I would be using to monitor my transmitted audio on ssb and particularly AM.
Thanks
Scott/KA1MUY

# 1680. Re: [TS-850_450_690] Recommendation for Monitor Scopes for the TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-11 20:57:58 UTC
From: Bill K0ZL
Topic: 1679  Message: 1680

You can use the SM-220, SM-230 or any scope that has RF thru connectors on it, or you can make your own sampling port for any oscilloscope that will work up through 30Mhz.

I use a 15Meg tek 922 and it works fine on 10M also, just not calibrated. But for waveforms and modulation monitoring it's OK.

b

Duncan Cameron <dxer10@...> wrote:
Hello all-
I am looking for recommendations and advice on an appropriate monitor scope to use with the 850. Something in the Heathkit line, a TEK, or something that I could easily make work with the 850. I don't want to spend over $125.00 (max). I would be using to monitor my transmitted audio on ssb and particularly AM.
Thanks
Scott/KA1MUY

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# 1681. Re: 450S - ALC and audio volume conflict

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-11 20:22:33 UTC
From: k9zy
Topic: 1395  Message: 1681

Hi Bill, Follow up... any thoughts? (I'm late reading your last note)

1- I'm seeing ALC meter readings drop as I move from 160m to 10m. Same ALC setting and voice level, and the ALC meter shows less and less on each band as I move up to 10m. I can get fine audio on each, but surprised to see ALC readings change on the varied bands. Expected?

2- Occasionally, I get a complete shift and ALC is just not registering as it was before, way down on the meter with no change on the ALC setting. What I've found is that if Power is set to maximum (registering 130 to 140w) it begins to restrict ALC - in other words, I can retard the Power setting slightly (10 or 15 watts) and ALC jumps back up. This is ever since I made the adjustments to VR15. If I retarts Power to much, ALC begins to drop off again with the drop in power. Looks like the same balance issue I found in the VR15, but it is not within the control of my Pwr and ALC adjustments.

3- Not a thorough test performed, but I think my lower limit for power now is 15 watts, no lower. May be a trade off for the upper end increase. (No QRP with this radio in its current state!)

Thanks for your help,

Mark

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> Oh yeah, forgot to tell you.. I don't think VR15 has
> "stops"!!! so you can go "round the world" and get
> some confusing action that way...
>
> Um, 140w ok, just be sure you can get proper ALC
> action on all bands. 15M is worst for some reason.
> If you cannot get ALC indication, just turn VR15 down
> until you do. That will be your max output for that
> rig.
>
> Glad to have helped! Hope to hear you on when band is
> a little better.
>
> bill K0ZL
>
> --- k9zy <k9zy@y...> wrote:
> > Bill,
> > Thanks for the guiding help last night over the land

> > line and on 40
> > meters. Your suggestion worked. Let me recap here so
> > others can
> > benefit.
> >
> > 1- I opened up the bottom of the TS-450S and located
> > the IF board
> > (the board with the RCA plugs for the DSP
> > connections) and VR-15
> > near the back corner. Power Down All Mode switch was
> > in the
> > appropriate off position so rig was not limited to
> > 50 watts. (I
> > crafted a quick non metalic screwdriver out of a
> > plastic disposable
> > pen cap and it worked fine to adjust the VR-15.)
> >
> > 2- Set the antenna output switch to the dummy load
> > for testing, and
> > set the TS-450 to register peak meter readings (to
> > show clear upper
> > limit readings), speech processor off.
> >
> > 3- I powered up the rig and initially set the Mic
> > Gain at about 9 or
> > 10 o'clock position, as I recall, and power to 4
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> > > > > > >303-424-4858 is the shop fone.
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> > > > > > >Goes for anyone on the list by the way.
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# 1683. Re: Recommendation for Monitor Scopes for the TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-11 20:24:12 UTC
From: Max
Topic: 1679  Message: 1683

--- In TS-850_450_690@yahoogroups.com, "Duncan Cameron"
<dxer10@h...> wrote:
> Hello all-
> I am looking for recommendations and advice on an appropriate
monitor
> scope to use with the 850. Something in the Heathkit line, a TEK,
or
> something that I could easily make work with the 850. I don't
want
> to spend over $125.00 (max). I would be using to monitor my
> transmitted audio on ssb and particularly AM.
> Thanks
> Scott/KA1MUY

Scott,

Although I bit more expensive, I use the Kenwood SM220 on my 850. I added an IF tap as well so I can monitor the received signals. I completely disassembled the scope and cleaned all the switches, knobs and painted the case to match the 850. Looks fantastic sitting side by side.

Max

# 1684. Re: [TS-850_450_690] Re: 450S - ALC and audio volume conflict

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-12 00:02:58 UTC
From: Bill K0ZL
Topic: 1395  Message: 1684

You need to set it to about 115 watts on ten meters

b

k9zy <k9zy@...> wrote:
Hi Bill, Follow up... any thoughts? (I'm late reading your last note)

1- I'm seeing ALC meter readings drop as I move from 160m to 10m. Same ALC setting and voice level, and the ALC meter shows less and less on each band as I move up to 10m. I can get fine audio on each, but surprised to see ALC readings change on the varied bands. Expected?

2- Occasionally, I get a complete shift and ALC is just not registering as it was before, way down on the meter with no change on the ALC setting. What I've found is that if Power is set to maximum (registering 130 to 140w) it begins to restrict ALC - in other words, I can retard the Power setting slightly (10 or 15 watts) and ALC jumps back up. This is ever since I made the adjustments to VR15. If I retarts Power to much, ALC begins to drop off again with the drop in power. Looks like the same balance issue I found in the VR15, but it is not within the control of my Pwr and ALC adjustments.

3- Not a thorough test performed, but I think my lower limit for power now is 15 watts, no lower. May be a trade off for the upper end increase. (No QRP with this radio in its current state!)

Thanks for your help,

Mark

--- In TS-850_450_690@yahoogroups.com, Bill <coorsbill@y...> wrote:
> Oh yeah, forgot to tell you.. I don't think VR15 has
> "stops"!!! so you can go "round the world" and get
> some confusing action that way...
>
> Um, 140w ok, just be sure you can get proper ALC
> action on all bands. 15M is worst for some reason.
> If you cannot get ALC indication, just turn VR15 down
> until you do. That will be your max output for that
> rig.
>
> Glad to have helped! Hope to hear you on when band is
> a little better.
>
> bill K0ZL

> 
> --- k9zy <k9zy@y...> wrote:
> > Bill,
> > Thanks for the guiding help last night over the land
> > line and on 40
> > meters. Your suggestion worked. Let me recap here so
> > others can
> > benefit.
> > 
> > 1- I opened up the bottom of the TS-450S and located
> > the IF board
> > (the board with the RCA plugs for the DSP
> > connections) and VR-15
> > near the back corner. Power Down All Mode switch was
> > in the
> > appropriate off position so rig was not limited to
> > 50 watts. (I
> > crafted a quick non metalic screwdriver out of a
> > plastic disposable
> > pen cap and it worked fine to adjust the VR-15.)
> > 
> > 2- Set the antenna output switch to the dummy load
> > for testing, and
> > set the TS-450 to register peak meter readings (to
> > show clear upper
> > limit readings), speech processor off.
> > 
> > 3- I powered up the rig and initially set the Mic
> > Gain at about 9 or
> > 10 o'clock position, as I recall, and power to 4
> > o'clock (not quite
> > full). Then I gradually adjusted VR-15 so 100 watts
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> > Total maximum power output is now registering closer
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[Non-text portions of this message have been removed]

# 1685. recommendations additional filters : pse advice

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-12 05:04:10 UTC
From: Phil
Topic: 1685  Message: 1685

Hi all,

My first question is: what are the stock filters that the TS850 gets when it leaves the fabrication plant ?
Are these decent filters or only ceramic ones and what is the bandwith in 8.3 and 455 ?

Second: I like to even improve the TS850 by adding extra filters.
I appreciate some advice on adding filters, real cristals.

Can I replace the originals by better filters ?
If so, what is recommended.

What filters should I add to improve reception in SSB and digital modes (PSK31 or CW)

What filters are the most important, 8.3 or 455 filters and what are best combinations.

Thanks a million for sorting it out !
73, Phil ON4VP

PS, when I bouth this rig secondhand, there was 1 filter inside, told by the seller, a 1,8 Khz SSB he said.
But I only hear a smaller bandwith on the 8.3 at the 500 position, and it doesn't seems that extra selective ???

[Non-text portions of this message have been removed]

# 1686. Re: [TS-850_450_690] recommendations additional filters : pse advice

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-12 05:23:06 UTC
From: Bill K0ZL
Topic: 1685  Message: 1686

The 850 comes stock with very good, 2.7khz filters. I have found no need to replace them, even for casual contesting.

I did add the K'wood 500hz filters, both 8.8 and 455, and that really rounded it out.

bill

Phil <e-groups@...> wrote:
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[Non-text portions of this message have been removed]

# 1687. Re: External DSP from SGC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-12 12:11:33 UTC
From: James Newton
Topic: 1676  Message: 1687

Friends

I bought a bhi nes10-2 AF DSP speaker [see www.radio.bhinstrumentation.co.uk ]for my newly acquired TS-850 here in the UK where I operate as M0YGW. Also used with a FT-817 QRP rig here and a much loved TS-440 in my summer shack.

On the TS-850, the speaker is a very useful addition to the excellent standard filters and NB setups. True, it's not IF based but it can and does make listening a much more stress free activity. and the switchable levels of noise suppression add flexibility.

I see from the Dec. QST that the unit is now sold by GAP as the HEAR IT SPEAKER in the US [ see www.gapantenna.com ]. I appreciate the relative ease of shifting from one rig to another, a little homebrew switch box does a good number in the shack. Ususal disclaimers of no connection, etc etc etc apply but worth a look

I follow the group's advice to the Kenwood radio smitten lorn in this and the 440 Yahoo groups and greatly appreciate the help. To all, very best wishes for a happy holiday season and goodwill and success in 2004
Jim Newton, K9YGW/M0YGW

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> Glad to hear the ADSP unit is working Zack. I have been looking at
> these for a while now. I would like to mount mine inside the 850
> and use the NB buttons to operate it. I always have NB1 on anyway,
> and never use NB2. Perhaps I could wire the NB pots to control
> something on the SGC unit. I am also using one of their tuners,
the
> 239. Tunes my 25' vertical 80-10m no trouble. I even smoked a
12kv
> cap in my first unit and they replaced it no questions asked.
> Fantastic company to deal with.
>
> Max

# 1688. TS-850 QSK/ AGC problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-12 16:08:57 UTC
From: k8iff
Topic: 1688  Message: 1688

I recently purchased a used TS-850SAT, 8 million s/n.
I've spent some time evaluating it's performance and have run into a couple of faults that I didn't expect to find. All the reviews I read touted the 850's strong signal handling capabilities, but this 850 falls far short of my expectations. I'm primarily a cw operator and want to use the 850's QSK mode.

1) When I operate QSK cw, the audio output has spurious clicks and pops during the switch over between transmit and receive. The higher the receiver background level is, the louder they are. If I operate on 40 meters (with it's high QRN levels) the pops and clicks are very distracting. If I transmit on a quiet (dead) band like 10 meters the clicks are NOT present.

2) I've also found that the AGC circuit appears to overshoot when in the "Fast" position if the received signal level is above S-9. If I select "Medium or Slow" AGC, the overshoot problem seems to go away, but not the clicks on QSK. Using this radio under contest conditions is nearly impossible. The strong contest signals along with the AGC overshoot problem makes copy very difficult especially on SSB.

I be curious to know if anyone has experienced similar problems with their 850.

73, Dennis K8IFF

# 1689. Re: [TS-850_450_690] TS-850 QSK/ AGC problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-13 00:04:01 UTC
From: Bill K0ZL
Topic: 1688  Message: 1689

Mine does the same thing.

Do the external sidetone level mod so you can adjust the sidetone volume from the front panel MON control.

Then, run the RF gain down a bit when running QSK. Between these two adjustments you should be able to get "seamless" QSK.

I am going to work on the clicks and pops thing later when I get my repair backlog down (I also fix gear). Also, the AGC overshoot issue will be helped by the RFG control setting; but there is a mod that helped the TS-430S on this issue, we may be able to adapt it to the 850. The mod involved a resistor change which caused the AGC to be "less active" on strong sigs... slower attack I think...just the opposite of intuition here but it worked.

bill

k8iff <k8iff@...> wrote:
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[Non-text portions of this message have been removed]

# 1690. IF-232C cable ???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-13 15:38:46 UTC
From: Jean Jibouleau
Topic: 1690  Message: 1690

Hello all of you,
I am new to this list.
May be I miss the info before.
I just unpack an almost new IF-232C
I download the instruction manual.
I am dont really understand the kind of cable one should use between the interface and the computer.
The interface end should have DB-25 OK
What kind of connector is at the other end ? DB-9 or DB-25 ?
Is the RS-232 cable the same thing as my printer cable (I use LPT1 printer) ?
Recently I made a null modem cable with DB9 at both end. Is this the one I need ?

I will have much more questions when this cable problem will be fix.
See you soon,
73 de Jean (VE2GHI)

# 1691. Re: IF-232C cable ???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-13 16:38:50 UTC
From: Max
Topic: 1690  Message: 1691

Jean,

I am not too familiar with the IF232 as I am using an interface I built myself. What type on connectors, both input and output are on the unit? Are they DB9's or DB25's? And I can tell you that you do not use a null modem cable. Definitely a no-no. If you are using your printer print (LPT1) then on that end you use the DB25. Is it possible with your PC configuration to use COM1 or COM2? Then you could use a DB9 cable and not tie up your printer port, unless you don't use a printer in the first place. What radio are you using it on? If you can't get it to work, you can always built one for about $30 CDN in parts. That is what I did and it runs my 850 just fine. I use 3 or 4 different logging and digital programs and it works with all of them.

Keep us informed,

Max

# 1692. FOR SALE: KENWOOD MODEL 2570 70 WATT 2 METER RIG

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-14 20:03:16 UTC
From: SJD N6RRV
Topic: 1692  Message: 1692

I HAVE A VERY GOOD CONDITION/WORKING KENWOOD 2 METER RADIO, MODEL 2570. I HAVE BEEN THE ONLY OWNER IN NON-SMOKING ENVIRONMENT. FRONT PANEL IS CLEAN WITHOUT SCRATCHES. USES DC POWER AND PUTS OUT 70 WATTS PLUS. IT HAS LOW POWER SETTING AS WELL. NICE AND BRIGHT FACE PANEL (LOOKS NICE IN THE DARK). PERFECT FOR A BASE STATION OR MOBILE. PURCHASED NEW AT HRO FOR $485.00 PLUS I HAD A PL TONE BOARD INSTALLED FOR $38.95.
COMES WITH THE MOBILE MOUNTING BRACKET, DC POWER CORD, ORIGINAL MIKE AND ORIGINAL MANUAL. I HAVE ORIGINAL SALES RECEIPT! A GREAT XMAS GIFT.

WILL SELL WHOLE PACAGE FOR $200.00 AND I'LL PAY THE SHIPPING TO CONUS.

SCOTT J. DICKINSON N6RRV

[Non-text portions of this message have been removed]

# 1693. Re: IF-232C cable ???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-15 15:29:44 UTC
From: w9goc
Topic: 1690  Message: 1693

--- In TS-850_450_690@yahoogroups.com, Jean Jibouleau <jiboulj@g...>
wrote:
> The interface end should have DB-25 OK
> What kind of connector is at the other end ? DB-9 or DB-25 ?
> Is the RS-232 cable the same thing as my printer cable (I use LPT1
printer)
> ?

Sorry to disagree with Max's reply, but NO, DO NOT USE THE DB25
connector that your printer attaches to on your computer !!!

The printer port caries TTL level signals from the parallel
interface - - approximately 0 Volts and +5 Volts. The Serial
interface that is on the IF232 expects and supplies Serial voltage
levels of plus and minus 12 volts. Both the IF232 and your computer
are in danger of being damaged when you interconnect those port
levels.

If your computer has a DB9 style serial port, use a DB9 to DB25
modem style cable. This will get the signals to the correct pins for
the IF232.

Thanks for your attention,
Frederick/W9GOC

# 1694. Re: IF-232C cable ???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-15 16:16:50 UTC
From: Max
Topic: 1690  Message: 1694

> Sorry to disagree with Max's reply, but NO, DO NOT USE THE DB25
> connector that your printer attaches to on your computer !!!
>
> The printer port caries TTL level signals from the parallel
> interface - - approximately 0 Volts and +5 Volts. The Serial
> interface that is on the IF232 expects and supplies Serial voltage
> levels of plus and minus 12 volts. Both the IF232 and your
computer
> are in danger of being damaged when you interconnect those port
> levels.
>
> If your computer has a DB9 style serial port, use a DB9 to DB25
> modem style cable. This will get the signals to the correct pins
for the IF232.

I stand corrected. Thanks for the tip Frederick. I assumed it was okay, because a lot of the logging and rig control programs allow you to select LPT1 as a port to use. So for future reference, all members, whatever I say, do the opposite!

Thanks again Frederick.

Max

# 1695. PK-232 to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-16 05:15:53 UTC
From: Zack Widup
Topic: 1695  Message: 1695

Hi,

How would one go about connecting a PK-232MBX/DSP to a TS-850? Can it be connected via the 13-pin connector on the back of the rig?

73, Zack W9SZ

# 1696. Re: PK-232 to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-16 06:34:20 UTC
From: Max
Topic: 1695  Message: 1696

Zack,

Check here http://www.packetradio.com/!TNCables/KW13A232.gif

I have uploaded the drawing to the files section as well.

Max

# 1697. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-16 06:34:56 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 1697

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /A232PRYKW13.gif
Uploaded by : ve3tmt <ve3tmt@...>
Description : Connect your PK232 to the Kenwood TS850

You can access this file at the URL

http://groups.yahoo.com/group/TS-850_450_690/files/A232PRYKW13.gif

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ve3tmt <ve3tmt@...>

# 1698. RE: [TS-850_450_690] Re: PK-232 to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-16 13:49:43 UTC
From: ac7nj@donobi.net
Topic: 1695  Message: 1698

BEWARE BEWARE BEWARE BEWARE BEWARE
The level of output from the TNC is too high for the radio.
There is a modification to the radio available at the Kenwood site

Randy Williamson AC7NJ
129 F Street Southeast
Ephrata, Washington 98823-1914
(509)754-2990

-----Original Message-----
From: Max [mailto:ve3tmt@...]
Sent: Tuesday, December 16, 2003 06:34
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: PK-232 to TS-850

Zack,

Check here http://www.packetradio.com/!TNCables/KW13A232.gif

I have uploaded the drawing to the files section as well.

Max

THANKS FOR USING TS-850_450_690@...

Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

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# 1699. RE: [TS-850_450_690] Re: PK-232 to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-16 15:53:40 UTC
From: Zack Widup
Topic: 1695  Message: 1699

That's exactly what I was afraid of. I used the PK-232 with my TS-440 and it worked great, but I see that the TS-850 has extra stages of mic amplification the TS-440 didn't have.

I might get into the PK232 and play with the dividing resistor circuit on the output to see what values the TS-850 likes.

On Tue, 16 Dec 2003 ac7nj@... wrote:

> BEWARE BEWARE BEWARE BEWARE BEWARE
> The level of output from the TNC is too high for the radio.
> There is a modification to the radio available at the Kenwood site
>
> Randy Williamson AC7NJ
>

# 1700. RE: [TS-850_450_690] Re: PK-232 to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-16 16:21:36 UTC
From: ac7nj@donobi.net
Topic: 1695  Message: 1700

I too have considered a power divider in the cord for this problem
PK 232 5-100 Mv into 600 Ohm (from the manual)
TS 850 20 Mv (from the manual)
Looks like a 5:1 ratio
I think the way to do this is apply Kerchoff's Voltage theory but I'm not sure how to really do this. If anyone on the mail list does maybe you will be willing to help me out with the details.

Randy Williamson AC7NJ
129 F Street Southeast
Ephrata, Washington 98823-1914
(509)754-2990

-----Original Message-----
From: Zack Widup [mailto:w9sz@...]
Sent: Tuesday, December 16, 2003 15:54
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Re: PK-232 to TS-850

That's exactly what I was afraid of. I used the PK-232 with my TS-440 and it worked great, but I see that the TS-850 has extra stages of mic amplification the TS-440 didn't have.

I might get into the PK232 and play with the dividing resistor circuit on the output to see what values the TS-850 likes.

On Tue, 16 Dec 2003 ac7nj@... wrote:

> BEWARE BEWARE BEWARE BEWARE BEWARE
> The level of output from the TNC is too high for the radio.
> There is a modification to the radio available at the Kenwood site
>
> Randy Williamson AC7NJ
>

THANKS FOR USING TS-850_450_690@...

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# 1701. RE: [TS-850_450_690] Re: PK-232 to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-16 16:51:07 UTC
From: Zack Widup
Topic: 1695  Message: 1701

The PK-232 has simple voltage dividers on the two outputs. I forget if they're on the op amp inputs or outputs on the final stage. But it would probably be a matter of changing one resistor in the PK-232. I'll experiment and post the results here later.

Zack W9SZ

On Tue, 16 Dec 2003 ac7nj@... wrote:

> I too have considered a power divider in the cord for this problem
> PK 232 5-100 Mv into 600 Ohm (from the manual)
> TS 850 20 Mv (from the manual)
> Looks like a 5:1 ratio
> I think the way to do this is apply Kerchoff's Voltage theory but I'm not
> sure how to really do this. If anyone on the mail list does maybe you will
> be willing to help me out with the details.
>
>
> Randy Williamson AC7NJ
> 129 F Street Southeast
> Ephrata, Washington 98823-1914
> (509)754-2990
>

# 1702. Re: [TS-850_450_690] PK-232 to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-16 17:37:35 UTC
From: Bill K0ZL
Topic: 1695  Message: 1702

Yes, Zack that is the connector that you use. It's a real bear to solder to. See if you can find a ready made cable from Timewave... it would be well worth it.

b

Zack Widup <w9sz@...> wrote:
Hi,

How would one go about connecting a PK-232MBX/DSP to a TS-850? Can it be
connected via the 13-pin connector on the back of the rig?

73, Zack W9SZ

THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

# 1703. Re: PK-232 to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-16 20:36:32 UTC
From: ve3tmt@yahoo.ca
Topic: 1695  Message: 1703

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@p...> wrote:
> The PK-232 has simple voltage dividers on the two outputs. I
forget if
> they're on the op amp inputs or outputs on the final stage. But it
would
> probably be a matter of changing one resistor in the PK-232. I'll
> experiment and post the results here later.
>
> Zack W9SZ

Would the DATA LEVEL pot inside the 850 not relieve some of the
overdriving audio?

You can make a simple padder circuit as well, look up on the net
under "murfbox"

Max

# 1704. RE: [TS-850_450_690] Re: PK-232 to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-16 20:53:10 UTC
From: Bill K0ZL
Topic: 1695  Message: 1704

Also if you want to use the fixed audio out from the 850 to the PK232, there is a resistor change in the PK232 to give the PK232 input af stage a bit more gain. The level out of the 850 is quite low, insufficient to drive the pk232.

BUT if you do it this way, the PK232 will decode very well regardless of your speaker audio level; so you can turn it all the way down and have silent digital HF.. .or turn it up loud enough to make your fillings fall out of your teeth and set the dogs a'howlin'... the PK232 will still decode well.

b

ac7nj@... wrote:
BEWARE BEWARE BEWARE BEWARE BEWARE
The level of output from the TNC is too high for the radio.
There is a modification to the radio available at the Kenwood site

Randy Williamson AC7NJ
129 F Street Southeast
Ephrata, Washington 98823-1914
(509)754-2990

-----Original Message-----
From: Max [mailto:ve3tmt@...]
Sent: Tuesday, December 16, 2003 06:34
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: PK-232 to TS-850

Zack,

Check here http://www.packetradio.com/!TNCables/KW13A232.gif

I have uploaded the drawing to the files section as well.

Max

THANKS FOR USING TS-850_450_690@...

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# 1705. RE: [TS-850_450_690] Re: PK-232 to TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-16 20:59:54 UTC
From: Bill K0ZL
Topic: 1695  Message: 1705

Look at the op-amps on the 232... best way to set gain is to play with the feedback resistors.

The input audio stage will need about 4X the gain it has now, and I can't remember if the 232 has a low-z loading resistor but it will have to be removed. You want to see about 10K impedance for the low-level audio from the 850 to the 232

Zack Widup <w9sz@...> wrote:

That's exactly what I was afraid of. I used the PK-232 with my TS-440 and
it worked great, but I see that the TS-850 has extra stages of mic
amplification the TS-440 didn't have.

I might get into the PK232 and play with the dividing resistor circuit on
the output to see what values the TS-850 likes.

On Tue, 16 Dec 2003 ac7nj@... wrote:

> BEWARE BEWARE BEWARE BEWARE BEWARE
> The level of output from the TNC is too high for the radio.
> There is a modification to the radio available at the Kenwood site
>
> Randy Williamson AC7NJ
>

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# 1706. ACC 1 Plug

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-17 04:52:32 UTC
From: KJ7F
Topic: 1706  Message: 1706

Where can I find the correct plug to fit the ACC1 socket on my
TS-850? The DIN plugs at Rat Shack do not have the correct pin spacing.

Terry KJ7F

---

---
Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.545 / Virus Database: 339 - Release Date: 11/27/2003

[Non-text portions of this message have been removed]

# 1707. Re: ACC 1 Plug

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-17 11:50:01 UTC
From: ve3tmt@yahoo.ca
Topic: 1706  Message: 1707

--- In TS-850_450_690@yahoogroups.com, KJ7F <kj7f@v...> wrote:
> Where can I find the correct plug to fit the ACC1 socket on my
> TS-850? The DIN plugs at Rat Shack do not have the correct pin
spacing.
>
> Terry KJ7F

Terry,

Try www.packetradio.com

Large selection of connectors. Is this the 6 pin DIN plug for the PC hookup? I didn't have one either so I dissected a 5 pin DIN from Radio Shack. Using needle nose pliers you can break the pins out in fine shape. I then soldered the wires on and put some heat shrink tubing over each one. Then I just inserted them into the socket. As long as the cable doesn't get pulled it's fine.

Max

# 1708. Re: [TS-850_450_690] ACC 1 Plug

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-17 14:46:30 UTC
From: Bill K0ZL
Topic: 1706  Message: 1708

Kenwood only.

need part numbers?

b

KJ7F <kj7f@...> wrote:
Where can I find the correct plug to fit the ACC1 socket on my
TS-850? The DIN plugs at Rat Shack do not have the correct pin spacing.

Terry KJ7F

---

---
Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.545 / Virus Database: 339 - Release Date: 11/27/2003

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

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# 1709. Re: ACC 1 Plug

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-18 12:53:30 UTC
From: Jean Jibouleau
Topic: 1706  Message: 1709

Hello all of you,
I was thinking to order some various din connectors for my TS-850.
I did some search on the web and found this url

http://www.universal-radio.com/catalog/parts/dinconn.html

Does anyone know this company ?
Since I live in Canada ordering in USA is expensive.
So one should be carafull to buy only quality product from serious company.
On a long term cheap product turn out to be too expensive

73 de Jean (VE2GHI)

# 1710. Re: [TS-850_450_690] Re: ACC 1 Plug

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-18 15:00:09 UTC
From: Daryll
Topic: 1706  Message: 1710

Universal Radio is a very reputable company in a suburb southeast of Columbus Ohio. In fact, it's where I bought my Yaesu 8900 a few months back. They have a great little store and showroom. The owner (Fred Osterman) is an honest guy, and stands behind his products. I wouldn't have any qualms about ordering anything from Universal.

Saying that, I don't think they manufacture their own din connectors. They have an 800 number on their website that may be helpful to you.

Daryll N8EBR
TS-450SAT
---

----- Original Message -----
From: "Jean Jibouleau" <jiboulj@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, December 18, 2003 7:53 AM
Subject: [TS-850_450_690] Re: ACC 1 Plug

> Hello all of you,
> I was thinking to order some various din connectors for my TS-850.
> I did some search on the web and found this url
>
> http://www.universal-radio.com/catalog/parts/dinconn.html
>
> Does anyone know this company ?
> Since I live in Canada ordering in USA is expensive.
> So one should be carafull to buy only quality product from serious company.
> On a long term cheap product turn out to be too expensive
>
> 73 de Jean (VE2GHI)
>
>
>
>
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>

# 1711. Re: [TS-850_450_690] Re: ACC 1 Plug

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-18 17:00:23 UTC
From: Bill K0ZL
Topic: 1706  Message: 1711

Wow thanks for that link; now I don't have to order connectors for pricy Kenwood any more!!!!

bill

Jean Jibouleau <jiboulj@...> wrote:
Hello all of you,
I was thinking to order some various din connectors for my TS-850.
I did some search on the web and found this url

http://www.universal-radio.com/catalog/parts/dinconn.html

Does anyone know this company ?
Since I live in Canada ordering in USA is expensive.
So one should be carafull to buy only quality product from serious company.
On a long term cheap product turn out to be too expensive

73 de Jean (VE2GHI)

THANKS FOR USING TS-850_450_690@...

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# 1712. Ts 450s Noise Blanker.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-19 02:56:25 UTC
From: kelmer_cunha
Topic: 1712  Message: 1712

I have a TS 450S.
The noise blanker don't works.
Could anybody help me with any idea?
Thanks.
Kelmer - PP5KE

# 1713. Re: Universal Radio, Inc.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-19 10:45:25 UTC
From: bud thompson
Topic: 1713  Message: 1713

Deltona, FL
Friday Dec 19 0445E

> http://www.universal-radio.com/catalog/parts/dinconn.html
>
> Does anyone know this company ?

Pardon this brief bit of nostalgia -

I was raised in Parkersburg, West Virginia, about 100 miles from Columbus, Ohio, where Universal Radio, my first "Candy Store" was located.

After building a crystal controlled 6L6 - 2E26 transmitter for 80 meters, I purchased my first commercially-manufactured transmitter from Gibby W8IJ in the spring of 1953, a year after receiving my Novice License WN8KCN, and about five months after earning the General Class license and becoming W8KCN. I was 15 years old when I started assembling the Johnson Viking Ranger kit.

I set up a work bench in a back room of the office at my father's machine shop and worked on assembling and wiring the kit on my lunch hours and after work most days. I couldn't drive yet, had given up baseball, so there was not much chance of being distracted otherwise. Periodically, about every third or fourth day, my friend Don, W8HRQ, who was 16 or 17 and could drive, stopped by and checked off the progress to date, left notes for remedial action, and I would continue. It took me most of the summer to finish construction and get the transmitter on the air.

Gibby provided me with my first credit purchase, long before credit cards. There was no paper work involved other than the invoice that came with the delivery of the kit. It clearly showed a $75 down payment and a balance due. There were no finance charges and Universal paid for the delivery. I forget the total sales price, but it was either $175 or $275 - a large stack of money for a kid making $1.50 - $2 /hr! Universal Radio was paid in full just before the end of the year.

I had the Viking Ranger for almost 15 years - through two college degrees, two short tours in the Army, three children, and until I was working in Oklahoma and licensed as W5NML!

My friend Don W8HRQ is now W8DL, his son Don Jr. has his dad's old call, and there are 12 licensed hams in my friend's extended family.

Best of the holiday season to you all.

73,
bud Thompson N0IA

> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 1
> Date: Thu, 18 Dec 2003 07:53:30 -0500
> From: Jean Jibouleau <jiboulj@...>
> Subject: Re: ACC 1 Plug
>
> Hello all of you,
> I was thinking to order some various din connectors for my TS-850.
> I did some search on the web and found this url
>
> http://www.universal-radio.com/catalog/parts/dinconn.html
>
> Does anyone know this company ?
> Since I live in Canada ordering in USA is expensive.
> So one should be carafull to buy only quality product from serious
company.
> On a long term cheap product turn out to be too expensive
>
> 73 de Jean (VE2GHI)

# 1714. Re: Nostalgia

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-19 14:21:44 UTC
From: Max
Topic: 1713  Message: 1714

Fantastic story Bud,

Makes us all stop and think back how we got started in this great hobby. My wife and kids don't understand how I can be so involved in amateur radio, and I just tell them that it comes from my days of being a kid fascinated by radio. We used to have a surplus electronics store in my city here, where as a kid I would be there every Saturday morning after riding my bike across town, eagerly scrounging through the bins to find whatever was needed for that weekends project. That is where I first came across '73 Magazine which started my passion for amateur radio. My 12 year old son never took to it like I did, he is more involved with his guitar. When I talk about my two passions, amateur radio and NASCAR, members of my family just shake their heads.

Merry Christmas and Happy New Year to all in the group, I sincerely wish the best for everyone in the new year.

Max

# 1715. Re: ACC 1 Plug

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-19 14:47:24 UTC
From: Volker Polan
Topic: 1706  Message: 1715

In Canada I bought my Din plugs from www.hamantenna.com for my TS450s and had excellent service from them.

73 Volker (VE5VAP)

# 1716. Re: ACC 1 Plug

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-19 14:50:21 UTC
From: Max
Topic: 1706  Message: 1716

--- In TS-850_450_690@yahoogroups.com, "Volker Polan" <vpolan@y...> wrote:
> In Canada I bought my Din plugs from www.hamantenna.com for my
TS450s and
> had excellent service from them.
>
> 73 Volker (VE5VAP)

I have as well, great service.

Max

# 1717. Re: ACC 1 Plug

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-19 17:47:49 UTC
From: James Newton
Topic: 1706  Message: 1717

Bought my mobile FT817 from Universal Radio with sterling {sic}
results and top quality after sales service. Highest kudos from me
too.

Having a great Elmer is part of the glow of this hobby. My old friend
was a retired Western Union telegrapher who copied CW in his head at
40 wpm with one ear while teaching me and my friends how to become
OM's at the ripe age of 15 in the late 50's. Then his good lady who
was blind from birth would take over the rig and do the same but
always was teased when she lost track around 25/30 wpm. So then she
served us the tea and cookies to keep our energy up.

To the memeory of all those who did this for us, let's be sure to
pass it forward into the New Year and beyond.

Jim K9YGW/M0YGW

# 1718. Re: [TS-850_450_690] Re: ACC 1 Plug

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-19 20:18:53 UTC
From: Paul Manuel
Topic: 1706  Message: 1718

--- James Newton <k9ygw@...> wrote:
> Bought my mobile FT817 from Universal Radio with sterling {sic}
> results and top quality after sales service. Highest kudos from me
> too.

I have never ordered anything from them, but have purchased items in
person at the store. Very nice folks with which to deal.
73,
Paul K4PDM

_____
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# 1719. TS-850 Relay Driver Replaced

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-20 08:26:25 UTC
From: Kenneth G. Shutt
Topic: 1719  Message: 1719

Hi Bill and the group,

My 850 has come back to life. The new relay driver ic (LB1745) arrived in yesterday's mail (Thanks Bill) and I installed it today. While I had the rig open I replaced the gas discharge tube and was going to replace the 12 year old lithium battery. However, the new battery was 3.21 vdc vs. 3.29 vdc for the old one. I decided to leave well enough alone and left the old battery in place.

I noticed some, what looked to me like adhesive, between the battery and the circuit board. I don't think it was leakage. Does this sound normal? Comments will be appreciated.

Thanks to Bill for his help with the repair.

73 de Ken - K5GUU

# 1720. Need SSB filter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-20 13:57:55 UTC
From: Donald E. "Buck" Stiles
Topic: 1720  Message: 1720

Hello Kenwood Users,

I want to buy a 1.8kHz SSB filter for my TS-850S. If you have one for sale, please reply direct.

tnx es 73 de n8csp k

[Non-text portions of this message have been removed]

# 1721. Re: [TS-850_450_690] TS-850 Relay Driver Replaced

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-20 16:29:08 UTC
From: Bill K0ZL
Topic: 1719  Message: 1721

There should be some adhesive pad or felt between the battery and the board; this is to prevent chem. damage to the board if the batt leaks. I use small piece of elec. tape if it's missing.

Thanks Ken.

bill

"Kenneth G. Shutt" <kgshutt@...> wrote:
Hi Bill and the group,

My 850 has come back to life. The new relay driver ic (LB1745) arrived in yesterday's mail (Thanks Bill) and I installed it today. While I had the rig open I replaced the gas discharge tube and was going to replace the 12 year old lithium battery. However, the new battery was 3.21 vdc vs. 3.29 vdc for the old one. I decided to leave well enough alone and left the old battery in place.

I noticed some, what looked to me like adhesive, between the battery and the circuit board. I don't think it was leakage. Does this sound normal? Comments will be appreciated.

Thanks to Bill for his help with the repair.

73 de Ken - K5GUU

THANKS FOR USING TS-850_450_690@...

---
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To unsubscribe from this group, send an email to:
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"If in doubt, MODIFY" --k0zl

Need a tech? See our website www.amateur-repairs.com

---
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[Non-text portions of this message have been removed]

# 1722. Re: [TS-850_450_690] Re: Universal Radio, Inc.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-21 23:35:54 UTC
From: bob murphy
Topic: 1713  Message: 1722

I have bought items from universal & they were delivered here to Ireland no problems I found their service top class.
B.

bud thompson <budt@...> wrote:
Deltona, FL
Friday Dec 19 0445E

> http://www.universal-radio.com/catalog/parts/dinconn.html
>
> Does anyone know this company ?

Pardon this brief bit of nostalgia -

I was raised in Parkersburg, West Virginia, about 100 miles from Columbus, Ohio, where Universal Radio, my first "Candy Store" was located.

After building a crystal controlled 6L6 - 2E26 transmitter for 80 meters, I purchased my first commercially-manufactured transmitter from Gibby W8IJ in the spring of 1953, a year after receiving my Novice License WN8KCN, and about five months after earning the General Class license and becoming W8KCN. I was 15 years old when I started assembling the Johnson Viking Ranger kit.

I set up a work bench in a back room of the office at my father's machine shop and worked on assembling and wiring the kit on my lunch hours and after work most days. I couldn't drive yet, had given up baseball, so there was not much chance of being distracted otherwise. Periodically, about every third or fourth day, my friend Don, W8HRQ, who was 16 or 17 and could drive, stopped by and checked off the progress to date, left notes for remedial action, and I would continue. It took me most of the summer to finish construction and get the transmitter on the air.

Gibby provided me with my first credit purchase, long before credit cards. There was no paper work involved other than the invoice that came with the delivery of the kit. It clearly showed a $75 down payment and a balance due. There were no finance charges and Universal paid for the delivery. I forget the total sales price, but it was either $175 or $275 - a large stack of money for a kid making $1.50 - $2 /hr! Universal Radio was paid in full just before the end of the year.

I had the Viking Ranger for almost 15 years - through two college degrees, two short tours in the Army, three children, and until I was working in Oklahoma and licensed as W5NML!

My friend Don W8HRQ is now W8DL, his son Don Jr. has his dad's old call, and there are 12 licensed hams in my friend's extended family.

Best of the holiday season to you all.

73,
bud Thompson N0IA

> ------------------------------------------------------------------------
> ------------------------------------------------------------------------
>
> Message: 1
> Date: Thu, 18 Dec 2003 07:53:30 -0500
> From: Jean Jibouleau <jiboulj@...>
> Subject: Re: ACC 1 Plug
>
> Hello all of you,
> I was thinking to order some various din connectors for my TS-850.
> I did some search on the web and found this url
>
> http://www.universal-radio.com/catalog/parts/dinconn.html
>
> Does anyone know this company ?
> Since I live in Canada ordering in USA is expensive.
> So one should be carafull to buy only quality product from serious
company.
> On a long term cheap product turn out to be too expensive
>
> 73 de Jean (VE2GHI)

THANKS FOR USING TS-850_450_690@...

---
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[Non-text portions of this message have been removed]

# 1723. (no subject)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-22 00:57:02 UTC
From: kelmer_cunha
Topic: 1723  Message: 1723

Hi people.
Could anyboby help to find a TS 450S service manual to download from internet?
I found TS 440 service manual.
My TS 450S noise blanker don't works.
I don't know what to do.
Thank you so much!
Kelmer - PP5KE

# 1724. (no subject)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-23 05:22:35 UTC
From: smatda
Topic: 1723  Message: 1724

Not being picky, but how do you know it doesn't work? The 450 has
got a very picky noise blanker...it will completely remove the
ignition spark interference from my natural gas furnace, but won't do
squat on almost any other QRM!!!

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "kelmer_cunha"
<kelmer_cunha@y...> wrote:
> Hi people.
> Could anyboby help to find a TS 450S service manual to download
from
> internet?
> I found TS 440 service manual.
> My TS 450S noise blanker don't works.
> I don't know what to do.
> Thank you so much!
> Kelmer - PP5KE

# 1725. (no subject)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-24 11:23:56 UTC
From: w3jdr
Topic: 1723  Message: 1725

Kelmer,
I received your email, but the the replies I send to you bounce back
at me. Is there another address I can send the schematics to??

Joe

--- In TS-850_450_690@yahoogroups.com, "kelmer_cunha"
<kelmer_cunha@y...> wrote:
> Hi people.
> Could anyboby help to find a TS 450S service manual to download
from
> internet?
> I found TS 440 service manual.
> My TS 450S noise blanker don't works.
> I don't know what to do.
> Thank you so much!
> Kelmer - PP5KE

# 1726. Happy Xmas

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-24 12:09:46 UTC
From: paul1372001
Topic: 1726  Message: 1726

Wishing you all and all your families a Happy Christmas and a Happy
New Year full of Joy and Happiness.Wishing you Good Luck and Good DX.
de'
9H1SP
Paul

# 1727. looking for DSP-100 manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-27 15:46:01 UTC
From: timhoy
Topic: 1727  Message: 1727

Anyone have a scanned copy of the DSP-100 manual?
Tnx and 73,
Tim

# 1728. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-27 18:36:14 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 1728

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /Manuals and Schematics/DSP100.zip
Uploaded by : ve3tmt <ve3tmt@...>
Description : DSP100 Users Manual

You can access this file at the URL

http://groups.yahoo.com/group/TS-850_450_690/files/Manuals%20and%20Schematics/DSP100.zip

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

ve3tmt <ve3tmt@...>

# 1729. Re: [TS-850_450_690] looking for DSP-100 manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-28 00:32:11 UTC
From: Eric
Topic: 1727  Message: 1729

find one yet? If not I can do it if you give me some time.

Eric

----- Original Message -----
From: "timhoy" <timhoy@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, December 27, 2003 9:46 AM
Subject: [TS-850_450_690] looking for DSP-100 manual

> Anyone have a scanned copy of the DSP-100 manual?
> Tnx and 73,
> Tim
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
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> To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
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> Your use of Yahoo! Groups is subject to:
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>
>

# 1730. Re: [TS-850_450_690] looking for DSP-100 manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-28 02:05:27 UTC
From: n7ioh@cybertrails.com
Topic: 1727  Message: 1730

>
> Tim, I bought a copy of ebay for only a few dollars, great copy. I
think they also have them on CD's. You might do a search on ebay.
Good luck, Al N7IOH
>
>
> Anyone have a scanned copy of the DSP-100 manual?
> Tnx and 73,
> Tim
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
>
>
> Yahoo! Groups Links
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> To visit your group on the web, go
> to:http://groups.yahoo.com/group/TS-850_450_690/
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> to:TS-850_450_690-unsubscribe@yahoogroups.com
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>

# 1731. Fw: 850/dsp-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-28 02:30:38 UTC
From: Eric
Topic: 1731  Message: 1731

Today I discovered my TS-850 and the dsp-100 has a problem, there is some goofy audio problem on 10 meters only. There is no audio output and then when there is with voice peaks, the alc jumps way out of the zone regardless of the mic setting on the dsp-100 and the audio is distorted and peaky . I can leave the 100 on and take out the TX and it is fine.

I knew of a local ham with an 850, lose his transmit in just the 10 meter band.

Has anybody experienced something like this? This is in 'stock' use. No secret menu.

KR9W,
Eric

[Non-text portions of this message have been removed]

# 1732. Re: [TS-850_450_690] Fw: 850/dsp-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-28 15:15:08 UTC
From: Paul Manuel
Topic: 1731  Message: 1732

--- Eric <mulder@...> wrote:>
> Today I discovered my TS-850 and the dsp-100 has a problem, there is
> some goofy audio problem on 10 meters only. There is no audio output
> and then when there is with voice peaks, the alc jumps way out of the
> zone regardless of the mic setting on the dsp-100 and the audio is
> distorted and peaky .

I can't speak from experience with this exact combination, but it sounds like RF in the shack is a possibility.
73,
Paul K4PDM

_____
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# 1733. Re: [TS-850_450_690] looking for DSP-100 manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-28 20:31:18 UTC
From: Tim Hoy
Topic: 1727  Message: 1733

Hi Eric,
I was emailed a copy and it looks like the file was also uploaded to the groups file area.
Thanks and 73,
Tim

Eric <mulder@...> wrote:
find one yet? If not I can do it if you give me some time.

Eric

----- Original Message -----
From: "timhoy" <timhoy@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, December 27, 2003 9:46 AM
Subject: [TS-850_450_690] looking for DSP-100 manual

> Anyone have a scanned copy of the DSP-100 manual?
> Tnx and 73,
> Tim
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Yahoo! Groups Links
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THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

# 1734. TS450/690 and SM230 Scope

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-28 23:53:10 UTC
From: garryhawkinson
Topic: 1734  Message: 1734

Hi all, First post.
Has anyone ever tried to tap the 8.33 MHZ I.F. on a 450/690 to drive the spectrum monitor input on an SM230. The scope is supposed to be used with the 950/950SDX but I believe the I.F. chain is the same. Would like to use it with my 690 if this has been done or is possible. Any thoughts or advice would be gladly accepted.
Thanks, 73's, Garry, W0ELH

# 1735. Re: TS450/690 and SM230 Scope

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-29 01:04:34 UTC
From: Max
Topic: 1734  Message: 1735

--- In TS-850_450_690@yahoogroups.com, "garryhawkinson"
<ghawkinson@d...> wrote:
> Hi all, First post.
> Has anyone ever tried to tap the 8.33 MHZ I.F. on a 450/690 to drive
> the spectrum monitor input on an SM230. The scope is
> supposed to be used with the 950/950SDX but I believe the I.F. chain
> is the same. Would like to use it with my 690 if this has been
> done or is possible. Any thoughts or advice would be gladly
accepted.
> Thanks, 73's, Garry, W0ELH

Garry,

I tapped the 8.83 IF in my TS850 to run with the SM220 scope. Works
quite well although it is only used to monitor one signal at a time.
Not really sure about the 690. However looking at the block diagram I
would begin in the area of Q2 on the IF board. The is just after the
3rd mixer stage before the second bank of filters. You could try
tapping the board through a 20 pf cap as I did until you get the
proper display. Just athought, please proceed at your own risk hihi.

Max

# 1736. Re: [TS-850_450_690] Re: TS450/690 and SM230 Scope

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-29 02:20:19 UTC
From: SJD N6RRV
Topic: 1734  Message: 1736

max...how do you tap into the 8.33 I.F. ??

SCOTT J. DICKINSON N6RRV
----- Original Message -----
From: Max
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, December 28, 2003 5:04 PM
Subject: [TS-850_450_690] Re: TS450/690 and SM230 Scope

--- In TS-850_450_690@yahoogroups.com, "garryhawkinson"
<ghawkinson@d...> wrote:
> Hi all, First post.
> Has anyone ever tried to tap the 8.33 MHZ I.F. on a 450/690 to drive
> the spectrum monitor input on an SM230. The scope is
> supposed to be used with the 950/950SDX but I believe the I.F. chain
> is the same. Would like to use it with my 690 if this has been
> done or is possible. Any thoughts or advice would be gladly
accepted.
> Thanks, 73's, Garry, W0ELH

Garry,

I tapped the 8.83 IF in my TS850 to run with the SM220 scope. Works
quite well although it is only used to monitor one signal at a time.
Not really sure about the 690. However looking at the block diagram I
would begin in the area of Q2 on the IF board. The is just after the
3rd mixer stage before the second bank of filters. You could try
tapping the board through a 20 pf cap as I did until you get the
proper display. Just athought, please proceed at your own risk hihi.

Max

THANKS FOR USING TS-850_450_690@...

---
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[Non-text portions of this message have been removed]

# 1737. Re: TS450/690 and SM230 Scope

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-29 02:33:10 UTC
From: Max
Topic: 1734  Message: 1737

--- In TS-850_450_690@yahoogroups.com, "SJD N6RRV" <n6rrv@c...>
wrote:
> max...how do you tap into the 8.33 I.F. ??
>
> SCOTT J. DICKINSON N6RRV

Scott,

I'll dig out my notes and let you know.

Max

# 1738. Re: [TS-850_450_690] Re: TS450/690 and SM230 Scope

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-29 03:17:06 UTC
From: SJD N6RRV
Topic: 1734  Message: 1738

thx max,, i appreciate it
SCOTT J. DICKINSON N6RRV
----- Original Message -----
From: Max
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, December 28, 2003 6:33 PM
Subject: [TS-850_450_690] Re: TS450/690 and SM230 Scope

--- In TS-850_450_690@yahoogroups.com, "SJD N6RRV" <n6rrv@c...>
wrote:
> max...how do you tap into the 8.33 I.F. ??
>
> SCOTT J. DICKINSON N6RRV

Scott,

I'll dig out my notes and let you know.

Max

THANKS FOR USING TS-850_450_690@...

---
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[Non-text portions of this message have been removed]

# 1739. Re: TS450/690 and SM230 Scope

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-29 15:37:37 UTC
From: garryhawkinson
Topic: 1734  Message: 1739

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "garryhawkinson"
> <ghawkinson@d...> wrote:
> > Hi all, First post.
> > Has anyone ever tried to tap the 8.33 MHZ I.F. on a 450/690 to drive
> > the spectrum monitor input on an SM230. The scope is
> > supposed to be used with the 950/950SDX but I believe the I.F. chain
> > is the same. Would like to use it with my 690 if this has been
> > done or is possible. Any thoughts or advice would be gladly
> accepted.
> > Thanks, 73's, Garry, W0ELH
>
> Garry,
>
> I tapped the 8.83 IF in my TS850 to run with the SM220 scope. Works
> quite well although it is only used to monitor one signal at a time.
> Not really sure about the 690. However looking at the block diagram I
> would begin in the area of Q2 on the IF board. The is just after the
> 3rd mixer stage before the second bank of filters. You could try
> tapping the board through a 20 pf cap as I did until you get the
> proper display. Just athought, please proceed at your own risk hihi.
>
> Max

Thanks Max, we'll give it a try and again thanks for taking the time to reply.
73's, Garry

# 1740. 450/850 SSB filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-31 04:05:04 UTC
From: Tim Hoy
Topic: 1740  Message: 1740

I am the proud owner of a 450 and an 850. No optional filters in either one. Regarding the 8.83 filter selector:
the 450 stops at 6k, and
the 850 goes to 2.7k

Does the 850 have the additional filter as standard?

Thanks in advance and a Wonderful New Year to All.

Tim

[Non-text portions of this message have been removed]

# 1741. Re: [TS-850_450_690] 450/850 SSB filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2003-12-31 05:20:17 UTC
From: Bill K0ZL
Topic: 1740  Message: 1741

Yes, the 850 has two ssb filters to select, one in the
8.83Mhz IF and one in the 455Khz IF.

Bill

--- Tim Hoy <timhoy@...> wrote:
> I am the proud owner of a 450 and an 850. No
> optional filters in either one. Regarding the 8.83
> filter selector:
> the 450 stops at 6k, and
> the 850 goes to 2.7k
>
> Does the 850 have the additional filter as standard?
>
> Thanks in advance and a Wonderful New Year to All.
>
> Tim
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 1742. TS- 850 For sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-03 06:26:40 UTC
From: Rich
Topic: 1742  Message: 1742

Kenwood TS-850 for sale; VERY nice rig! VERY clean, no scratches, dings or rub mark's on faceplate. In 100% working order. Built in ant. tuner,FM board.some additional filters installed. Need to sell due to Emergency financial situation, Hate to see it go!!! MC-60 mic. included. Will E-mail pic's if anyone is Interested. Thanks for looking and 73's!

$700.00 (US) E-mail: KC0OKF@...

# 1743. Re: [TS-850_450_690] TS- 850 For sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-03 20:12:47 UTC
From: KOSTAS KAGKADIS
Topic: 1742  Message: 1743

Hi,
I am interested for this rig.
Please confirm that it is working without any problems or damage. Also please inform if the appearance is OK cosmetically.
Is the cost of shipping to New York included in the 700$ ?
If you can send photographs it would be very helpful
yours sincerely
K.A. Kagkadis Ph.D.

Rich <KC0OKF@...> wrote:
Kenwood TS-850 for sale; VERY nice rig! VERY clean, no scratches,
dings or rub mark's on faceplate. In 100% working order. Built in
ant. tuner,FM board.some additional filters installed. Need to sell
due to Emergency financial situation, Hate to see it go!!! MC-60
mic. included. Will E-mail pic's if anyone is Interested. Thanks for
looking and 73's!

$700.00 (US) E-mail: KC0OKF@...

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---
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????????? ??? ?????? ???@... ????????? ??? Yahoo! Mail.

[Non-text portions of this message have been removed]

# 1744. Re: CW using my TS-450 and computer?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-04 20:17:23 UTC
From: Bill Kemp
Topic: 1675  Message: 1744

Max:
I also use MixW with my 850 and enjoy it much. However, I want to use the RTTY FSK capabilites of the 850. Does your circuit allow for that? I want to build a COM interface that will work with the RTTY port of the 850 to key true FSK with MixW. Any thoughts or suggestions?

Tnx es 73,
Bill K5LK

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> Bill,
>
> Personally I use MixW which is a multimode program. It does CW,
> RTTY, SSTV, PSK31 and lots more. I have tried just about all of
> them out there and find this one the best. Used it during the CW
> contest a few weeks ago and worked FB! I built a PC interface for
> the 850 which switches the rig for TX and controls mode, frequency
> and everything else. You can check it out at www.mixw.net
>
> Max

# 1745. Re: CW using my TS-450 and computer?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-05 00:08:37 UTC
From: Max
Topic: 1675  Message: 1745

--- In TS-850_450_690@yahoogroups.com, "Bill Kemp" <mail@k...> wrote:
> Max:
> I also use MixW with my 850 and enjoy it much. However, I want to
> use the RTTY FSK capabilites of the 850. Does your circuit allow for
> that? I want to build a COM interface that will work with the RTTY
> port of the 850 to key true FSK with MixW. Any thoughts or
> suggestions?
>
> Tnx es 73,
> Bill K5LK

I use audio RTTY Bill, in fact I am on and off in the RTTY Roundup contest this weekend. Works good, have no experience with the FSK mode. I have "borrowed" the RTTY jack on the 850 for a direct balanced modulator mic feed. The slope tune controls on the 850 are great for setting up a narrow bandwidth filter when using digital modes. I can knock an adjacent S9 signal completely out using these controls. My 570 had the same slope tuning, but it was never as effective as it is on the 850.

Max

# 1746. ts 850 sidetone volume level adjustment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-05 01:30:39 UTC
From: Zach
Topic: 1746  Message: 1746

Can someone please tell me how to adjust the volume level for the CW sidetone ?

Can't seem to locate it off the bat in the manual.

Thanks Zach

# 1747. Re: ts 850 sidetone volume level adjustment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-05 03:28:46 UTC
From: Max
Topic: 1746  Message: 1747

--- In TS-850_450_690@yahoogroups.com, "Zach" <k7ltf@a...> wrote:
> Can someone please tell me how to adjust the volume level for the CW sidetone ?

Zach,

I believe it is VR5 on the IF board. Almost to the rear on the board on the left hand side. There is a mod to allow you to use the MONITOR control on the front panel to adjust it. Very easy mod to do.

Max

# 1748. Re: [TS-850_450_690] ts 850 sidetone volume level adjustment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-05 11:24:02 UTC
From: Bill K0ZL
Topic: 1746  Message: 1748

It's the STON pot, located on the IF unit underneath
the rig, on the right side as the rig faces you upside
down. Rig is upside down, not you.

Removed the smaller access cover on the bottom; pot is
near back-center of the board.

There is a mod to move this control up to the front
panel. This info is on the web and only requires one
SMD resistor to be unsoldered and a 1/4 watt resistor
to be tacked onto that board.

bill K0ZL

--- Zach <k7ltf@...> wrote:
> Can someone please tell me how to adjust the volume
> level for the CW sidetone ?
>
> Can't seem to locate it off the bat in the manual.
>
> Thanks Zach
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 1749. Display problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-05 09:45:08 UTC
From: paul1372001
Topic: 1749  Message: 1749

HI all,
Can someone please help me about this problem . I have the TS-850S/AT and from time to time the display comes and goes. Approx when I turn on the radio the display is ok but after 30 minutes it goes. The radio is still good in TX and RX but I cannot see the display ( black screen ). It comes good sometimes in 1 hour and sometimes more then 5 hours. I'm waiting for your reply and thanks for your kindly help in advance.
I take the oportunity to send all of you and all your families a happy new year full of joy and happiness.

De'
9H1SP
Paul

# 1750. Re: CW using my TS-450 and computer?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-05 13:31:28 UTC
From: Bill Kemp
Topic: 1675  Message: 1750

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "Bill Kemp" <mail@k...>
wrote:
> > Max:
> > I also use MixW with my 850 and enjoy it much. However, I want
to
> > use the RTTY FSK capabilites of the 850. Does your circuit allow
for
> > that? I want to build a COM interface that will work with the
RTTY
> > port of the 850 to key true FSK with MixW. Any thoughts or
> > suggestions?
> >
> > Tnx es 73,
> > Bill K5LK
>
> I use audio RTTY Bill, in fact I am on and off in the RTTY Roundup
> contest this weekend. Works good, have no experience with the FSK
> mode. I have "borrowed" the RTTY jack on the 850 for a direct
> balanced modulator mic feed. The slope tune controls on the 850
are
> great for setting up a narrow bandwidth filter when using digital
> modes. I can knock an adjacent S9 signal completely out using
these
> controls. My 570 had the same slope tuning, but it was never as
> effective as it is on the 850.
>
> Max

I played in the ARRL RTTY contest as well. Good conditions and lots
of fun! I used the 850 in LSB mode generating AFSK RTTY with MixW.

Do you know where one can find the pinouts for the RTTY jack? I am
going to try and make an RTTY FSK computer interface for MixW. I as
well like the bandwith control available in FSK on the 850... really
nice for digital contests which is my main activity.

Bill, K5LK

# 1751. Re: [TS-850_450_690] Display problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-05 15:19:52 UTC
From: Bill K0ZL
Topic: 1749  Message: 1751

Paul, when it goes out, can you see anything with a
flashlight pointed at the display?

bill

--- paul1372001 <paul1372001@...> wrote:
> HI all,
> Can someone please help me about this problem
> . I have the TS-
> 850S/AT and from time to time the display comes and
> goes. Approx when
> I turn on the radio the display is ok but after 30
> minutes it goes.
> The radio is still good in TX and RX but I cannot
> see the display (
> black screen ). It comes good sometimes in 1 hour
> and sometimes more
> then 5 hours. I'm waiting for your reply and thanks
> for your kindly
> help in advance.
> I take the oportunity to send all of you and
> all your families
> a happy new year full of joy and happiness.
>
> De'
> 9H1SP
> Paul
>
>
>

=====

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# 1752. Re: [TS-850_450_690] Display problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-05 16:24:18 UTC
From: paul spiteri
Topic: 1749  Message: 1752

Bill thanks for answer, No nothing, today in the
morning I switch on the radio, the display comes good.
After 30 minutes on radio the display went off ( black
screen ) About flashlight NO nothing, sometimes it's
starts to dim.
Thanks
9H1SP
Paul
--- Bill K0ZL <coorsbill@...> wrote:
> Paul, when it goes out, can you see anything with a
> flashlight pointed at the display?
>
> bill
>
> --- paul1372001 <paul1372001@...> wrote:
> > HI all,
> > Can someone please help me about this
> problem
> > . I have the TS-
> > 850S/AT and from time to time the display comes
> and
> > goes. Approx when
> > I turn on the radio the display is ok but after 30
> > minutes it goes.
> > The radio is still good in TX and RX but I cannot
> > see the display (
> > black screen ). It comes good sometimes in 1 hour
> > and sometimes more
> > then 5 hours. I'm waiting for your reply and
> thanks
> > for your kindly
> > help in advance.
> > I take the oportunity to send all of you and
> > all your families
> > a happy new year full of joy and happiness.
> >
> > De'
> > 9H1SP
> > Paul
> >
> >
> >
>
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> =====

>
> "If in doubt, MODIFY" --k0zl
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# 1753. Surge Absorber Data for 850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-05 20:03:07 UTC
From: Bill Smith
Topic: 1753  Message: 1753

Look here:
http://www.mmea.com/pages/DSA.html

73,
Bill Smith KO4NR

=====
Bill Smith KO4NR

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# 1754. TS-850 newbie questions.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-05 21:05:40 UTC
From: humble_soul2003
Topic: 1754  Message: 1754

I received a TS-850 in the mail last week. I traded a TenTec Pegasus for it. I must say that I am highly impressed with this radio.

I love the display. I love the layout of the controls. I haven't even read the manual yet, but I have been able to figure out everything I need to dig signals out of the dirt.

Now here is the question.

The tuning knob feels very nice and heavy, but it has some "play" in it. By that I mean the following: If I turn my hand facing up, put my finger at the very bottom of the knob and lift up, the knob moves up slightly.

The side to side play is almost none.

Is this kind of play in the tuning knob normal? If not, any ideas how to correct this?

Thanks,
hs

# 1755. Re: TS-850 newbie questions.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-06 01:39:17 UTC
From: Max
Topic: 1754  Message: 1755

> The tuning knob feels very nice and heavy, but it has some "play" in
> it. By that I mean the following: If I turn my hand facing up, put
> my finger at the very bottom of the knob and lift up, the knob moves
> up slightly.
>
> The side to side play is almost none.
>
> Is this kind of play in the tuning knob normal? If not, any ideas
> how to correct this?

The tuning knob on my 850 is the same. Very slight play up and down
but none side to side. I wouldn't worry about it, enjoy the radio.

Max

# 1756. Re: [TS-850_450_690] TS-850 newbie questions.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-06 01:35:10 UTC
From: Bruce Muscolino
Topic: 1754  Message: 1756

Golly, you have me at a bit of a disadvantage. I bought my TS-850 about 18 months ago but only got to use it for about 4 month before being hospitalized ever since. I also have the service manual. I do not recall any such sort of play in the tuning assembly. My only idea as to the source is you might have a worn shaft assembly or bearings on the shaft assembly.

I would like to congratulate you on acquiring what I perceive as perhaps one of the finest radios Kenwood has ever given us, and one of the last where a human can actually be involved! The receiver is a thing to behold. I have narrow filters at both IF's because of CW. Its ability to dig for signals is unbelievable. The transmitter is fully capable of giving a good showing against any other in the same class.

Great radio; congratulations,

73

# 1757. 850S Noise Blanker

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-06 01:56:30 UTC
From: Bill Smith
Topic: 1757  Message: 1757

I am finally getting around to working on my 850ATS.
My linear amplifier had to be overhauled and it took
awhile. Got it up and running and the plate
transformer failed. More waiting for parts. All done
now at last!!

Is there any more requirements added to the Noise
Blanker mod other than removing the two SMT
capacitors?

I also will be checking the surge absorber and adding
a 1-2mh pie type choke. If I remember correctly you
remove the surge supressor and install the choke in
the radio with the surge absorber across it.

I have a new DDS board and a couple of DC-DC converter
boards but my radio still works fine. It's serial
number is-21100476.

73,
Bill

=====
Bill Smith KO4NR

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# 1758. HAMS in or near EVERGREEN, COLORADO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-06 03:14:30 UTC
From: W. Hansen
Topic: 1758  Message: 1758

If you live in or near Evergreen, Colorado, this will be of interest to you. The initial meeting of Evergreen hams is tentatively set for Tuesday January 13th at the Evergreen Sports Grill. Contact Roger k0yy at k0yy@... for more information or give him a call on the 146.07/67 repeater.

There is nothing to join and there are no dues...just show up.

See the letter below.

> Howdy all,
>
> A number of area hams have met on the air and mentioned that they would
> enjoy getting together with local hams sometime for a cup of coffee or
lunch
> or dinner. Several folks mentioned that the Sports Bar and Grill is pretty
> centrally located and easy to find.
>
> So, why doesn't everyone "reply to all" and propose a time and day. Early
> evening during the week or a Saturday morning may be the best time. There
is
> never a good time for everyone, so we'll just pick the "best" time. If
there
> is sufficient interest we could do it again and vary the time and date so
> more folks can attend.
>
> It's interesting, when you do a zip code search for our area on QRZ; there
> are more than 150 hams in the Evergreen, Conifer, and Kittredge area. There
> are lots of hams up here living in all the various nooks and valleys.
>
> Do you know a local ham that would enjoy attending? Invite them and pass
> along their email address so we can add them to the broadcast group.
>
> I almost always monitor 146.67, the Castle Rock System up on Squaw Mountain.
> Drop by and say hello or list a get together preference.

>
> Happy 2004 and 73,
>
> Roger K0YY and Marilyn KB0LJW Krautkremer
> Evergreen, CO

PLEASE REPLY TO: k0yy@...

=====
http://RoyaltyFreePhotos.com
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# 1759. Re: [TS-850_450_690] Surge Absorber Data for 850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-06 13:53:56 UTC
From: Bill K0ZL
Topic: 1753  Message: 1759

Good Job, Bill!

thanks very much.

I uploaded the link to the group; also the PDF file to
the FILES section.

It's always good to keep copy of this stuff on your
hard drive in case the website ever (!) goes away
(nah, they never go away, do they? hehe)

73,

Bill

--- Bill Smith <ko4nrbs@...> wrote:
> Look here:
> http://www.mmea.com/pages/DSA.html
>
> 73,
> Bill Smith KO4NR
>
> =====
> Bill Smith KO4NR
>
> _____________________________________
> Do you Yahoo!?
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# 1760. Re: [TS-850_450_690] TS-850 newbie questions.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-06 14:06:25 UTC
From: Bill K0ZL
Topic: 1754  Message: 1760

Lube the vfo shaft with some good old 10W-30 motor
oil. 10W-40 even better. I do mine annually; the play
has reduced somewhat as some of the brass bushing
wears into the oil and it becomes more viscous. 8
years now; no problems. Encoders are 75.00 each so
take care of it.

There are 73 controls on the front of the rig... cool
huh?

bill

--- humble_soul2003 <cvlilly@...> wrote:
> I received a TS-850 in the mail last week. I traded
> a TenTec
> Pegasus for it. I must say that I am highly
> impressed with this
> radio.
>
> I love the display. I love the layout of the
> controls. I haven't
> even read the manual yet, but I have been able to
> figure out
> everything I need to dig signals out of the dirt.
>
> Now here is the question.
>
> The tuning knob feels very nice and heavy, but it
> has some "play" in
> it. By that I mean the following: If I turn my
> hand facing up, put
> my finger at the very bottom of the knob and lift
> up, the knob moves
> up slightly.
>
> The side to side play is almost none.
>
> Is this kind of play in the tuning knob normal? If
> not, any ideas
> how to correct this?
>
> Thanks,
> hs
>
>
>

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# 1761. Re: [TS-850_450_690] Display problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-06 16:28:55 UTC
From: Bill K0ZL
Topic: 1749  Message: 1761

ok IT'S either a bad Fluorescent tube or the hi
voltage generator has a bad solder joint.

bill

--- paul spiteri <paul13372001@...> wrote:
> Bill thanks for answer, No nothing, today in the
> morning I switch on the radio, the display comes
> good.
> After 30 minutes on radio the display went off (
> black
> screen ) About flashlight NO nothing, sometimes it's
> starts to dim.
> Thanks
> 9H1SP
> Paul
> --- Bill K0ZL <coorsbill@...> wrote:
> > Paul, when it goes out, can you see anything with
> a
> > flashlight pointed at the display?
> >
> > bill
> >
> > --- paul1372001 <paul13372001@...> wrote:
> > > HI all,
> > > Can someone please help me about this
> > problem
> > > . I have the TS-
> > > 850S/AT and from time to time the display comes
> > and
> > > goes. Approx when
> > > I turn on the radio the display is ok but after
> 30
> > > minutes it goes.
> > > The radio is still good in TX and RX but I
> cannot
> > > see the display (
> > > black screen ). It comes good sometimes in 1
> hour
> > > and sometimes more
> > > then 5 hours. I'm waiting for your reply and
> > thanks
> > > for your kindly
> > > help in advance.
> > > I take the oportunity to send all of you

> and
> > > all your families
> > > a happy new year full of joy and happiness.
> > >
> > > De'
> > > 9H1SP
> > > Paul
> > >
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> > =====
> >
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# 1762. Re: [TS-850_450_690] 850S Noise Blanker

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-06 16:43:44 UTC
From: Bill K0ZL
Topic: 1757  Message: 1762

CAPS ARE MY REPLY; NOT YELLING.

--- Bill Smith <ko4nrbs@...> wrote:
> I am finally getting around to working on my 850ATS.
>
> My linear amplifier had to be overhauled and it took
> awhile. Got it up and running and the plate
> transformer failed. More waiting for parts. All
> done
> now at last!!
CONGRATS, CAN WE HEAR IT ON THE AIR NOW?

>
> Is there any more requirements added to the Noise
> Blanker mod other than removing the two SMT
> capacitors?
NOPE, FURTHER MODS IS GILDING THE LILY.

>
> I also will be checking the surge absorber and
> adding
> a 1-2mh pie type choke. If I remember correctly you
> remove the surge supressor and install the choke in
> the radio with the surge absorber across it.
YEP, JUST TACK SOLDER THE SA ON THE CHOKE; MAKES IT
EASIER TO CHANGE AGAIN LATER.

>
> I have a new DDS board and a couple of DC-DC
> converter
> boards but my radio still works fine. It's serial
> number is-21100476.
IF YOU CHANGE THE DC-DC, MAKE SURE YOU PUT IN 11 PIN
DIP SOLDERTAIL SOCKET... CUT 22 PIN IN HALF OR CUT 24
PIN IN HALF AND TRIM OFF UNEEDED PINS.

>
> 73,
> Bill
>
> =====
> Bill Smith KO4NR
>
> _____
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# 1763. Re: [TS-850_450_690] 850S Noise Blanker

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-06 17:11:54 UTC
From: Bill Smith
Topic: 1757  Message: 1763

Thanks Bill.

I haven't had to change anyhting in the radio as of
yet. The rig appears to work fine though I would like
to improve the Noise Blanker.

I'm on 17 meters with the Swan most of the time. On
high power puts out about 1000 to 1200 watts PEP
there. I've never need that much power yet. Last
night I lost the guy on 17 meters even with the
power!! When the band drops out it's just thin air
out there power or no power!!

We can try a schedule some evening(between 4 and 6 PM
Illinois time is good for me).

73,
Bill

73,
Bill

--- Bill K0ZL <coorsbill@...> wrote:
> CAPS ARE MY REPLY; NOT YELLING.
>
> --- Bill Smith <ko4nrbs@...> wrote:
> > I am finally getting around to working on my
> 850ATS.
> >
> > My linear amplifier had to be overhauled and it
> took
> > awhile. Got it up and running and the plate
> > transformer failed. More waiting for parts. All
> > done
> > now at last!!
> CONGRATS, CAN WE HEAR IT ON THE AIR NOW?
>
> >
> > Is there any more requirements added to the Noise
> > Blanker mod other than removing the two SMT
> > capacitors?
> NOPE, FURTHER MODS IS GILDING THE LILY.
>
> >
> > I also will be checking the surge absorber and
> > adding

> > a 1-2mh pie type choke. If I remember correctly
> you
> > remove the surge supressor and install the choke
> in
> > the radio with the surge absorber across it.
> YEP, JUST TACK SOLDER THE SA ON THE CHOKE; MAKES IT
> EASIER TO CHANGE AGAIN LATER.
>
> >
> > I have a new DDS board and a couple of DC-DC
> > converter
> > boards but my radio still works fine. It's serial
> > number is-21100476.
> IF YOU CHANGE THE DC-DC, MAKE SURE YOU PUT IN 11 PIN
> DIP SOLDERTAIL SOCKET... CUT 22 PIN IN HALF OR CUT
> 24
> PIN IN HALF AND TRIM OFF UNEEDED PINS.
>
> >
> > 73,
> > Bill
> >
> > =====
> > Bill Smith KO4NR
> >
> > _____
> > Do you Yahoo!?
> > Find out what made the Top Yahoo! Searches of 2003
> > http://search.yahoo.com/top2003
> >
>
>
> =====
>
> "If in doubt, MODIFY" --k0zl
>
> Need a tech? See our website www.amateur-repairs.com
>
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> _____
> Do you Yahoo!?
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> Sweepstakes
> http://hotjobs.sweepstakes.yahoo.com/signingbonus
>

=====
Bill Smith KO4NR

_____
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# 1764. Re: [TS-850_450_690] TS-850 newbie questions.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-06 17:40:18 UTC
From: Zack Widup
Topic: 1754  Message: 1764

I checked mine and there is no play whatsoever in my tuning shaft in any direction. I got the radio in like-new condition about 18 months ago.

All those controls are neat. I'm glad it's no menu-driven radio - those things drive me crazy! Some controls get a lot more use than others. I wore all the markings off the T-F Set button on my TS-440; the TS-850 isn't showing any wear on that button yet but it gets a LOT of use! :-)

73, Zack W9SZ

On Tue, 6 Jan 2004, Bill K0ZL wrote:

> Lube the vfo shaft with some good old 10W-30 motor
> oil. 10W-40 even better. I do mine annually; the play
> has reduced somewhat as some of the brass bushing
> wears into the oil and it becomes more viscous. 8
> years now; no problems. Encoders are 75.00 each so
> take care of it.
>
> There are 73 controls on the front of the rig... cool
> huh?
>
> bill
>

# 1765. Re: [TS-850_450_690] TS-850 newbie questions.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-06 18:55:22 UTC
From: Paul Manuel
Topic: 1754  Message: 1765

--- Zack Widup <w9sz@...> wrote:
> All those controls are neat. I'm glad it's no menu-driven radio - those
> things drive me crazy! Some controls get a lot more use than others. I
> wore all the markings off the T-F Set button on my TS-440; the TS-850
> isn't showing any wear on that button yet but it gets a LOT of use! :-)

Just a tip---press each button squarely on, with no sliding of the finger,
and only use the force necessary to initiate each function. If possible,
gently press the corner of the button, avoiding the lettering altogether.

I only offer this because I always wondered how markings got rubbed off
radios, because I never had it happen to me. Then, my FT-100, used mobile
for 3 years, began to lose the lettering on some of the keys. It is
because in the mobile environment I am not always able to "baby" the rig
as I can at home.
73,
Paul K4PDM

_____
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# 1766. Re: [TS-850_450_690] Display problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-06 16:52:23 UTC
From: paul spiteri
Topic: 1749  Message: 1766

Thanks Bill for your kindly help to everyone here.
Hope so that this is the problem, From what I see I
think also about that , a bad solder joint. Thanks
again and best 73's
de' 9H1SP
Paul
--- Bill K0ZL <coorsbill@...> wrote:
> ok IT'S either a bad Fluorescent tube or the hi
> voltage generator has a bad solder joint.
>
> bill
>
> --- paul spiteri <paul1372001@...> wrote:
> > Bill thanks for answer, No nothing, today in the
> > morning I switch on the radio, the display comes
> > good.
> > After 30 minutes on radio the display went off (
> > black
> > screen ) About flashlight NO nothing, sometimes
> it's
> > starts to dim.
> > Thanks
> > 9H1SP
> > Paul
> > --- Bill K0ZL <coorsbill@...> wrote:
> > > Paul, when it goes out, can you see anything
> with
> > a
> > > flashlight pointed at the display?
> > >
> > > bill
> > >
> > > --- paul1372001 <paul1372001@...> wrote:
> > > > HI all,
> > > > Can someone please help me about this
> > > problem
> > > > . I have the TS-
> > > > 850S/AT and from time to time the display
> comes
> > > and
> > > > goes. Approx when
> > > > I turn on the radio the display is ok but
> after
> > 30
> > > > minutes it goes.

> > > > The radio is still good in TX and RX but I
> > cannot
> > > > > see the display (
> > > > > black screen ). It comes good sometimes in 1
> > hour
> > > > > and sometimes more
> > > > > then 5 hours. I'm waiting for your reply and
> > > > thanks
> > > > > for your kindly
> > > > > help in advance.
> > > > > I take the oportunity to send all of you
> > and
> > > > > all your families
> > > > > a happy new year full of joy and happiness.
> > > > >
> > > > > De'
> > > > > 9H1SP
> > > > > Paul
> > > > >
> > > > >
> > > > >
> > > >
> > > >
> > > > =====
> > > >
> > > > "If in doubt, MODIFY" --k0zl
> > > >
> > > > Need a tech? See our website
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> > > > _____
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> > > http://companion.yahoo.com/
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> =====
>
> "If in doubt, MODIFY" --k0zl
>
> Need a tech? See our website www.amateur-repairs.com
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> http://hotjobs.sweepstakes.yahoo.com/signingbonus
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# 1767. Re: [TS-850_450_690] 850S Noise Blanker

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-06 20:06:09 UTC
From: Bill K0ZL
Topic: 1757  Message: 1767

Guess I will have to put up a 17M loop now!

b

--- Bill Smith <ko4nrbs@...> wrote:
> Thanks Bill.
>
> I haven't had to change anyhting in the radio as of
> yet. The rig appears to work fine though I would
> like
> to improve the Noise Blanker.
>
> I'm on 17 meters with the Swan most of the time. On
> high power puts out about 1000 to 1200 watts PEP
> there. I've never need that much power yet. Last
> night I lost the guy on 17 meters even with the
> power!! When the band drops out it's just thin air
> out there power or no power!!
>
> We can try a schedule some evening(between 4 and 6
> PM
> Illinois time is good for me).
>
> 73,
> Bill
>
> 73,
> Bill
>
>
> --- Bill K0ZL <coorsbill@...> wrote:
> > CAPS ARE MY REPLY; NOT YELLING.
> >
> > --- Bill Smith <ko4nrbs@...> wrote:
> > > I am finally getting around to working on my
> > 850ATS.
> > >
> > > My linear amplifier had to be overhauled and it
> > took
> > > awhile. Got it up and running and the plate
> > > transformer failed. More waiting for parts.
> All
> > > done
> > > now at last!!
> > CONGRATS, CAN WE HEAR IT ON THE AIR NOW?

> >
> > >
> > > Is there any more requirements added to the
> Noise
> > > Blanker mod other than removing the two SMT
> > > capacitors?
> > NOPE, FURTHER MODS IS GILDING THE LILY.
> >
> > >
> > > I also will be checking the surge absorber and
> > > adding
> > > a 1-2mh pie type choke. If I remember correctly
> > you
> > > remove the surge supressor and install the choke
> > in
> > > the radio with the surge absorber across it.
> > YEP, JUST TACK SOLDER THE SA ON THE CHOKE; MAKES
> IT
> > EASIER TO CHANGE AGAIN LATER.
> >
> > >
> > > I have a new DDS board and a couple of DC-DC
> > > converter
> > > boards but my radio still works fine. It's
> serial
> > > number is-21100476.
> > IF YOU CHANGE THE DC-DC, MAKE SURE YOU PUT IN 11
> PIN
> > DIP SOLDERTAIL SOCKET... CUT 22 PIN IN HALF OR CUT
> > 24
> > PIN IN HALF AND TRIM OFF UNEEDED PINS.
> >
> > >
> > > 73,
> > > Bill
> > >
> > > =====
> > > Bill Smith KO4NR
> > >
> > > _____________________________________
> > > Do you Yahoo!?
> > > Find out what made the Top Yahoo! Searches of
> 2003
> > > http://search.yahoo.com/top2003
> > >
> >
> >
> > =====
> >
> > "If in doubt, MODIFY" --k0zl

> >
> > Need a tech? See our website
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> > _____
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> > Sweepstakes
> > http://hotjobs.sweepstakes.yahoo.com/signingbonus
> >
>
>
> =====
> Bill Smith KO4NR
>
> _____
> Do you Yahoo!?
> Yahoo! Hotjobs: Enter the "Signing Bonus"
> Sweepstakes
> http://hotjobs.sweepstakes.yahoo.com/signingbonus
>

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"If in doubt, MODIFY" --k0zl

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# 1768. Re: [TS-850_450_690] TS-850 newbie questions.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-06 20:11:22 UTC
From: Zack Widup
Topic: 1754  Message: 1768

That's fine for most buttons. The difference with the TF SET button is most DXers in the middle of a pileup have to hold the button down, often for several seconds, while turning the tuning dial to find either the frequency of the guy who just worked the DX or to find a clear spot in the pileup.

In a pileup on 1A0KM the other day I held the TF SET button in for as much as 15-20 seconds at a time while tuning around.

I guess an indication of whether a DXer owned the radio is if that button has a lot of wear on it. :-)

73, Zack W9SZ

On Tue, 6 Jan 2004, Paul Manuel wrote:

>
> --- Zack Widup <w9sz@...> wrote:
> > All those controls are neat. I'm glad it's no menu-driven radio - those
> > things drive me crazy! Some controls get a lot more use than others. I
> > wore all the markings off the T-F Set button on my TS-440; the TS-850
> > isn't showing any wear on that button yet but it gets a LOT of use! :-)
>
> Just a tip---press each button squarely on, with no sliding of the finger,
> and only use the force necessary to initiate each function. If possible,
> gently press the corner of the button, avoiding the lettering altogether.
>
> I only offer this because I always wondered how markings got rubbed off
> radios, because I never had it happen to me. Then, my FT-100, used mobile
> for 3 years, began to lose the lettering on some of the keys. It is
> because in the mobile environment I am not always able to "baby" the rig
> as I can at home.
> 73,
> Paul K4PDM
>

# 1769. Re: [TS-850_450_690] TS-850 newbie questions.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-06 20:10:07 UTC
From: Bill K0ZL
Topic: 1754  Message: 1769

the split function does work real well.

There are a few menu settings to deal with. For
instance, if you want to switch between using your
keyer paddle and a straight key (using the right side
of the paddle as a straight key), you go to menu 24
and change BUG from OFF to ON. That's all there is to
it...

b

--- Zack Widup <w9sz@...> wrote:
>
> I checked mine and there is no play whatsoever in my
> tuning shaft in any
> direction. I got the radio in like-new condition
> about 18 months ago.
>
> All those controls are neat. I'm glad it's no
> menu-driven radio - those
> things drive me crazy! Some controls get a lot more
> use than others. I
> wore all the markings off the T-F Set button on my
> TS-440; the TS-850
> isn't showing any wear on that button yet but it
> gets a LOT of use! :-)
>
> 73, Zack W9SZ
>
> On Tue, 6 Jan 2004, Bill K0ZL wrote:
>
> > Lube the vfo shaft with some good old 10W-30 motor
> > oil. 10W-40 even better. I do mine annually; the
> play
> > has reduced somewhat as some of the brass bushing
> > wears into the oil and it becomes more viscous. 8
> > years now; no problems. Encoders are 75.00 each
> so
> > take care of it.
> >
> > There are 73 controls on the front of the rig...
> cool
> > huh?
> >
> > bill
> >

>
>

=====

"If in doubt, MODIFY" --k0zl

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# 1770. Re: [TS-850_450_690] TS-850 newbie questions.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-06 20:22:57 UTC
From: Bill K0ZL
Topic: 1754  Message: 1770

That TF set button needs to be a "stomp switch"!!!

b

--- Zack Widup <w9sz@...> wrote:
>
> That's fine for most buttons. The difference with
> the TF SET button is
> most DXers in the middle of a pileup have to hold
> the button down, often
> for several seconds, while turning the tuning dial
> to find either the
> frequency of the guy who just worked the DX or to
> find a clear spot in the
> pileup.
>
> In a pileup on 1A0KM the other day I held the TF SET
> button in for as much
> as 15-20 seconds at a time while tuning around.
>
> I guess an indication of whether a DXer owned the
> radio is if that button
> has a lot of wear on it. :-)
>
> 73, Zack W9SZ
>
> On Tue, 6 Jan 2004, Paul Manuel wrote:
>
> >
> > --- Zack Widup <w9sz@...> wrote:
> > > All those controls are neat. I'm glad it's no
> menu-driven radio - those
> > > things drive me crazy! Some controls get a lot
> more use than others. I
> > > wore all the markings off the T-F Set button on
> my TS-440; the TS-850
> > > isn't showing any wear on that button yet but it
> gets a LOT of use! :-)
> >
> > Just a tip---press each button squarely on, with
> no sliding of the finger,
> > and only use the force necessary to initiate each
> function. If possible,
> > gently press the corner of the button, avoiding
> the lettering altogether.

> >
> > I only offer this because I always wondered how
> markings got rubbed off
> > radios, because I never had it happen to me. Then,
> my FT-100, used mobile
> > for 3 years, began to lose the lettering on some
> of the keys. It is
> > because in the mobile environment I am not always
> able to "baby" the rig
> > as I can at home.
> > 73,
> > Paul K4PDM
> >
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 1771. Re: [TS-850_450_690] TS-850 newbie questions.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-06 20:58:31 UTC
From: Zack Widup
Topic: 1754  Message: 1771

Yes, those few menu items are pretty easy to learn. I felt absolutely
hopeless trying to figure out a TS-2000 though on Field Day!

Zack W9SZ

On Tue, 6 Jan 2004, Bill K0ZL wrote:

> the split function does work real well.
>
> There are a few menu settings to deal with. For
> instance, if you want to switch between using your
> keyer paddle and a straight key (using the right side
> of the paddle as a straight key), you go to menu 24
> and change BUG from OFF to ON. That's all there is to
> it...
>
> b
>
>

# 1772. Re: [TS-850_450_690] TS-850 newbie questions.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-06 20:59:47 UTC
From: Zack Widup
Topic: 1754  Message: 1772

On Tue, 6 Jan 2004, Bill K0ZL wrote:

> That TF set button needs to be a "stomp switch"!!!
>
> b
>
>

Now there's an idea! Maybe a useful mod for DX chasers and other frequent users of that button would be an external connection to such a switch.

Zack W9SZ

# 1773. Re: [TS-850_450_690] Display problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-07 08:20:45 UTC
From: kgshutt
Topic: 1749  Message: 1773

Bill, Paul

This sounds similar to the problem I had with my 850. The problem was not intermitant. I think a surge burned out a trace supplying power to the inverter. A little solder fixed the problem.

Good luck,

Ken - K5GUU

----- Original Message -----
From: paul spiteri
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, January 06, 2004 10:52 AM
Subject: Re: [TS-850_450_690] Display problems

Thanks Bill for your kindly help to everyone here.
Hope so that this is the problem, From what I see I
think also about that , a bad solder joint. Thanks
again and best 73's
de' 9H1SP
Paul
--- Bill K0ZL <coorsbill@...> wrote:
> ok IT'S either a bad Fluorescent tube or the hi
> voltage generator has a bad solder joint.
>
> bill
>
> --- paul spiteri <paul13720001@...> wrote:
> > Bill thanks for answer, No nothing, today in the
> > morning I switch on the radio, the display comes
> > good.
> > After 30 minutes on radio the display went off (
> > black
> > screen ) About flashlight NO nothing, sometimes
> it's
> > starts to dim.
> > Thanks
> > 9H1SP
> > Paul
> > --- Bill K0ZL <coorsbill@...> wrote:
> > > Paul, when it goes out, can you see anything
> with
> > a
> > > flashlight pointed at the display?
> > >

> > > bill
> > >
> > > --- paul1372001 <paul1372001@...> wrote:
> > > > HI all,
> > > > Can someone please help me about this
> > > problem
> > > > . I have the TS-
> > > > 850S/AT and from time to time the display
> comes
> > > and
> > > > goes. Approx when
> > > > I turn on the radio the display is ok but
> after
> > 30
> > > > minutes it goes.
> > > > The radio is still good in TX and RX but I
> > cannot
> > > > see the display (
> > > > black screen ). It comes good sometimes in 1
> > hour
> > > > and sometimes more
> > > > then 5 hours. I'm waiting for your reply and
> > > thanks
> > > > for your kindly
> > > > help in advance.
> > > > I take the oportunity to send all of you
> > and
> > > > all your families
> > > > a happy new year full of joy and happiness.
> > > >
> > > > De'
> > > > 9H1SP
> > > > Paul
> > > >
> > > >
> > > >
> > >
> > >
> > > =====
> > >
> > > "If in doubt, MODIFY" --k0zl
> > >
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>
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[Non-text portions of this message have been removed]

# 1774. Re: [TS-850_450_690] Display problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-07 13:44:19 UTC
From: Zack Widup
Topic: 1749  Message: 1774

I haven't had that problem with my TS-850 but it could be a cold solder joint or a burnt trace. Given that it works OK at first and then goes out, I'd guess it's a cold solder joint on a part that runs a little warm.

I worked as an electronics tech repairing consumer electronics for 10 years. I repaired many many poor solder joints. Most occur on power supply components (transistor voltage regulators and DC-DC converters). The parts that run kind of hot weaken the solder and the expansion of the part as it warms up eventually pushes the part's lead(s) through the solder so you have the lead when it's cold making contact and then when it warms up it breaks contact. One VCR model was so notorious for the DC-DC converter section going bad that the manufacturer started supplying a little kit of parts and instructions to repair that specific problem.

73, Zack W9SZ

On Wed, 7 Jan 2004, kgshutt wrote:

> Bill, Paul
>
> This sounds similar to the problem I had with my 850. The problem was not intermitant. I think a surge burned out a trace supplying power to the inverter. A little solder fixed the problem.
>
> Good luck,
>
> Ken - K5GUU
>

# 1775. DSP-100 operating

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-07 22:09:44 UTC
From: timhoy
Topic: 1775  Message: 1775

Hi all, just came into A DSP-100, hooked it up, and I guess was expecting miracles. It may not be working, or I just don't know how to use it. But I was hoping it would be more effective.
Any hints or operating ideas?
Many thanks and 73,
Tim

# 1776. Re: [TS-850_450_690] DSP-100 operating

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-07 22:50:42 UTC
From: Kb8viv@aol.com
Topic: 1775  Message: 1776

In a message dated 1/7/2004 5:19:58 PM Eastern Standard Time,
timhoy@... writes:

> Hi all, just came into A DSP-100, hooked it up, and I guess was
> expecting miracles. It may not be working, or I just don't know how
> to use it. But I was hoping it would be more effective.
> Any hints or operating ideas?
> Many thanks and 73,
> Tim
>

depends on what rig you have..teamed up with the 850 you can transmit/recieve
up to 6kc wide. But, just hooking it up without doing anything else and you
will only notice minimal differences...try www.nu9n.com or www.aa8vl.com for
setup instructions (with the 850)..also, you will have to invest in outboard
audio processing equipment if your lookin for hifi ssb..you have the toughest
peice of the puzzle by having the dsp-100 though..they are very hard to
find...73's es good luck..

steve/kb8viv

[Non-text portions of this message have been removed]

# 1777. Re: [TS-850_450_690] DSP-100 operating

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-07 23:03:43 UTC
From: Berry W6EZ
Topic: 1775  Message: 1777

I found that my DSP 100, with my 850, was most effective on received
noise if I
deselected all the filters on the 8.83 if and all but the 6k filter on
the 4.55 if.
There was a very noticeable difference in received audio when I switched the
DSP 100 in and out with the rx switch on the front of the dsp unit when
configured this way.
The adjustment of transmitted audio is well documented so I won't go
into that.

Berry W6EZ

timhoy wrote:

> Hi all, just came into A DSP-100, hooked it up, and I guess was
> expecting miracles. It may not be working, or I just don't know how
> to use it. But I was hoping it would be more effective.
> Any hints or operating ideas?
> Many thanks and 73,
> Tim
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
> ---------------------------------------------------------------------
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[Non-text portions of this message have been removed]

# 1778. Re: [TS-850_450_690] DSP-100 operating

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-08 04:09:43 UTC
From: kgshutt
Topic: 1775  Message: 1778

Tim, would you like to sell it? he he, just kidding. I understand the major benefit is on transmit, it may be a little difficult to see much difference on receive.

I hear many reports of poor DSP performance on receive. Maybe we are expecting too much. My FT-100D DSP works ok but it doesn't dramatically improve performance.

73 de Ken
K5GUU

----- Original Message -----
From: timhoy
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, January 07, 2004 4:09 PM
Subject: [TS-850_450_690] DSP-100 operating

Hi all, just came into A DSP-100, hooked it up, and I guess was
expecting miracles. It may not be working, or I just don't know how
to use it. But I was hoping it would be more effective.
Any hints or operating ideas?
Many thanks and 73,
Tim

THANKS FOR USING TS-850_450_690@...

---
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[Non-text portions of this message have been removed]

# 1779. Re: DSP-100 operating

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-08 04:14:02 UTC
From: k6htm
Topic: 1775  Message: 1779

Use headphones while transmitting and listen to the monitor. You will
hear a difference in your audio fidelity as you switch the TX ON/OFF
button. Make other adjustments as below to flatter your voice.
--Charlie K6HTM
~~~~~~~~~~~~~~

--- In TS-850_450_690@yahoogroups.com, Berry W6EZ <serazin@p...> wrote:
> I found that my DSP 100, with my 850, was most effective on received
> noise if I
> deselected all the filters on the 8.83 if and all but the 6k filter on
> the 4.55 if.
> There was a very noticeable difference in received audio when I
switched the
> DSP 100 in and out with the rx switch on the front of the dsp unit when
> configured this way.
> The adjustment of transmitted audio is well documented so I won't go
> into that.
>
> Berry W6EZ
>
>
>
> timhoy wrote:
>
> > Hi all, just came into A DSP-100, hooked it up, and I guess was
> > expecting miracles. It may not be working, or I just don't know how
> > to use it. But I was hoping it would be more effective.
> > Any hints or operating ideas?
> > Many thanks and 73,
> > Tim
> >
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> >
> > THANKS FOR USING TS-850_450_690@Y...
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>
> [Non-text portions of this message have been removed]

# 1780. Zero Beating using 800 Hz side-tone key down

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-08 05:00:54 UTC
From: Carl K6ZXU
Topic: 1780  Message: 1780

Hi, I have a TS-450S, and I always zero beat using the fixed 800 Hz side-tone to the transmitting station that I'm receiving. On my ts-450s, the manual on page 53 states that "the pitch during CW reception can be set anywhere in the range 400 to 800 Hz in 50 Hz steps" the default being set at 800 Hz. I have a 500 Hz bandpass IF filter, not to cause QRN, should I set the pitch to closer to 500 HZ or to 800 Hz?
73 Carl K6ZXU carlsjc95125@...

# 1781. RE: [TS-850_450_690] Zero Beating using 800 Hz side-tone key down

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-08 12:26:21 UTC
From: Roy Vickers
Topic: 1780  Message: 1781

I have my TS-450 set to 600hz offset which negates using the sidetone as a zerobeat device. You can use the CW reverse to zerobeat by adjusting the incoming signal to not change when going to CW reverse. The method I use though is by using a zerobeat LED indicator that I built from kit http://home.att.net/~jacksonharbor/ham.htm. You can also download free CWGet and use your computer to give you a visual of your zerobeat. The zerobeat LED indicator though is very quick and very accurate and I'm glad to see you're concerned about zerobeating since very few do it properly.

-----Original Message-----
From: Carl K6ZXU [mailto:carlsjc95125@...]
Sent: Wednesday, January 07, 2004 11:01 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Zero Beating using 800 Hz side-tone key down

Hi, I have a TS-450S, and I always zero beat using the fixed 800 Hz side-tone to the transmitting station that I'm receiving. On my ts-450s, the manual on page 53 states that "the pitch during CW reception can be set anywhere in the range 400 to 800 Hz in 50 Hz steps" the default being set at 800 Hz. I have a 500 Hz bandpass IF filter, not to cause QRN, should I set the pitch to closer to 500 HZ or to 800 Hz?
73 Carl K6ZXU carlsjc95125@...

THANKS FOR USING TS-850_450_690@...

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--
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[Non-text portions of this message have been removed]

# 1782. Re: [TS-850_450_690] Re: DSP-100 operating

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-08 14:25:07 UTC
From: Kb8viv@aol.com
Topic: 1775  Message: 1782

In a message dated 1/7/04 8:15:08 PM Pacific Standard Time, k6htm@...
writes:
Use headphones while transmitting and listen to the monitor. You will
hear a difference in your audio fidelity as you switch the TX ON/OFF
button. Make other adjustments as below to flatter your voice.
--Charlie K6HTM
Hi Charlie, what monitor? I have a 450 and dsp-100 and I'm not aware of this
monitor, but i'd love to hear what I sound like..thanks in advance..

Steve
kb8viv

[Non-text portions of this message have been removed]

# 1783. Re: [TS-850_450_690] Zero Beating using 800 Hz side-tone key down

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-08 14:47:44 UTC
From: Zack Widup
Topic: 1780  Message: 1783

The TS-850S allows you to adjust the pitch of the CW signal from 400 to 1000 Hz in 50 Hz increments. I've got myself comditioned to tuning for 800 Hz, so that is whwere mine is set. The 500 Hz bandpass is simply how wide the IF bandpass is. What pitch you set the CW pitch to doesn't have anything to do with that. Set it where you like it. That particular note will be in the center of the IF bandpass.

73, Zack W9SZ

On Thu, 8 Jan 2004, Carl K6ZXU wrote:

> Hi, I have a TS-450S, and I always zero beat using the fixed 800 Hz
> side-tone to the transmitting station that I'm receiving. On my ts-
> 450s, the manual on page 53 states that "the pitch during CW
> reception can be set anywhere in the range 400 to 800 Hz in 50 Hz
> steps" the default being set at 800 Hz. I have a 500 Hz bandpass IF
> filter, not to cause QRN, should I set the pitch to closer to 500 HZ
> or to 800 Hz?
> 73 Carl K6ZXU carlsjc95125@...
>

# 1784. RE: [TS-850_450_690] Zero Beating using 800 Hz side-tone key down

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-08 15:09:51 UTC
From: Roy Vickers
Topic: 1780  Message: 1784

The 450 is different from the 850. You cannot set the sidetone freq, it is set at 800hz. You can set the offset which allows you to listen to signals at the tone you feel comfortable with but zerobeating with your 800hz sidetone becomes a problem then. I believe but not sure that the 850 has a tracking sidetone.
-----Original Message-----
From: Zack Widup [mailto:w9sz@...]
Sent: Thursday, January 08, 2004 8:48 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Zero Beating using 800 Hz side-tone key down

The TS-850S allows you to adjust the pitch of the CW signal from 400 to 1000 Hz in 50 Hz increments. I've got myself comditioned to tuning for 800 Hz, so that is whwere mine is set. The 500 Hz bandpass is simply how wide the IF bandpass is. What pitch you set the CW pitch to doesn't have anything to do with that. Set it where you like it. That particular note will be in the center of the IF bandpass.

73, Zack W9SZ

On Thu, 8 Jan 2004, Carl K6ZXU wrote:

> Hi, I have a TS-450S, and I always zero beat using the fixed 800 Hz
> side-tone to the transmitting station that I'm receiving. On my ts-
> 450s, the manual on page 53 states that "the pitch during CW
> reception can be set anywhere in the range 400 to 800 Hz in 50 Hz
> steps" the default being set at 800 Hz. I have a 500 Hz bandpass IF
> filter, not to cause QRN, should I set the pitch to closer to 500 HZ
> or to 800 Hz?
> 73 Carl K6ZXU carlsjc95125@...
>

THANKS FOR USING TS-850_450_690@...

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# 1785. RE: [TS-850_450_690] Zero Beating using 800 Hz side-tone key down

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-08 16:32:47 UTC
From: Zack Widup
Topic: 1780  Message: 1785

Yes, that's what I meant. I also meant that I have my ear conditioned on receive to tune for the 800 Hz received signal, at which time I'm pretty close to zero-beat. I don't pay any attention to the sidetone frequency when I'm zero-beating.

Zack W9SZ

On Thu, 8 Jan 2004, Roy Vickers wrote:

> The 450 is different from the 850. You cannot set the sidetone freq, it is
> set at 800hz. You can set the offset which allows you to listen to signals
> at the tone you feel comfortable with but zerobeating with your 800hz
> sidetone becomes a problem then. I believe but not sure that the 850 has a
> tracking sidetone.
> -----Original Message-----
> From: Zack Widup [mailto:w9sz@...]
> Sent: Thursday, January 08, 2004 8:48 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Zero Beating using 800 Hz side-tone key down
>
>
> The TS-850S allows you to adjust the pitch of the CW signal from 400 to
> 1000 Hz in 50 Hz increments. I've got myself comditioned to tuning for 800
> Hz, so that is whwere mine is set. The 500 Hz bandpass is simply how wide
> the IF bandpass is. What pitch you set the CW pitch to doesn't have
> anything to do with that. Set it where you like it. That particular note
> will be in the center of the IF bandpass.
>
> 73, Zack W9SZ
>
>
> On Thu, 8 Jan 2004, Carl K6ZXU wrote:
>
> > Hi, I have a TS-450S, and I always zero beat using the fixed 800 Hz
> > side-tone to the transmitting station that I'm receiving. On my ts-
> > 450s, the manual on page 53 states that "the pitch during CW
> > reception can be set anywhere in the range 400 to 800 Hz in 50 Hz
> > steps" the default being set at 800 Hz. I have a 500 Hz bandpass IF
> > filter, not to cause QRN, should I set the pitch to closer to 500 HZ
> > or to 800 Hz?
> > 73 Carl K6ZXU carlsjc95125@...
> >
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>
> THANKS FOR USING TS-850_450_690@...

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> --
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>
> [Non-text portions of this message have been removed]
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>
> THANKS FOR USING TS-850_450_690@...
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# 1786. TS-850 newbie questions

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-08 17:25:21 UTC
From: D.Cy Gacuzana
Topic: 1786  Message: 1786

<re traded a Pegasus for it>

Ha! My only two rigs that work at present are a TS 850 and a Pegasus (with N4PY GUI software).

I had contemplated even selling the 850. Had two serious buyers. When it came down to it, I just could not do it.
Oddly, for the kind of operating I do, mostly casual CW due to time constraints (late at night, low bands) I use the Pegasus 80% of the time.

However, the 850 is capable of digging out signals that will drop below the noise floor. The 850 is a contest grade radio, and doing a contest the Peg is useless because my Monitor is being taken by the Log.

For most all otherwise normal Q's the Pegasus does a fine job, and I find comfort level in the noise reduction offered by the pass-band tuning combined with RIT on the Peg.

They are both super radios in my book, I could not part with either!

---
Do you Yahoo!?
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[Non-text portions of this message have been removed]

# 1787. Re: Zero Beating using 800 Hz side-tone key down

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-08 18:43:32 UTC
From: smatda
Topic: 1780  Message: 1787

No, leave it at 800. There are 3 different frequencies you are
getting confused with.

Sidetone frequency--simply put...the tone produced by the sidetone
generator.

CW offset--simply put...the audio frequency of the received signal
when it correctly tuned.

IF bandpass--simply put...how wide of a swath of spectrum your radio
is hearing. This doesn't do anything on the transmit side, nor does
it have anything to do with sidetone and CW offset.

Ok. So how does this all work? Easy. If sidetone and CW offset are
the same (800 hz for the 450S, unless you mod the sidetone generator--
which I don't think anyone has ever done), when the received signal
is zero beat you will be on the exact same frequency as the other
station. If they are different...let's say a 500 hz offset and the
sidetone 800, and you zero beat using the 800 sidetone, then you will
be transmitting (800-500) = 300 hz off the other guy's frequency, and
taking up more room than necessary. In fact, you may end up in
vicious cycle, you zero beat him, he zero beats you, you zero beat
him...everytime moving up or down the band by 300 hz.

The only way to use a non-800 hz offset on the 450 is to set the
offset for a specific frequency, then use an external oscillator at
that frequency as a sidetone generator, and completely turn down the
internal sidetone generator volume on the 450.

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "Carl K6ZXU"
<carlsjc95125@y...> wrote:
> Hi, I have a TS-450S, and I always zero beat using the fixed 800 Hz
> side-tone to the transmitting station that I'm receiving. On my ts-
> 450s, the manual on page 53 states that "the pitch during CW
> reception can be set anywhere in the range 400 to 800 Hz in 50 Hz
> steps" the default being set at 800 Hz. I have a 500 Hz bandpass IF
> filter, not to cause QRN, should I set the pitch to closer to 500
HZ
> or to 800 Hz?
> 73 Carl K6ZXU carlsjc95125@y...

# 1788. Re: DSP-100 operating

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-08 20:50:49 UTC
From: k6htm
Topic: 1775  Message: 1788

Sorry about that! I misunderstodd thinking you have the 850 which has
a monitor feature. Mea culpa! --Charlie K6HTM
~~~~~~~~~~~~~~

--- In TS-850_450_690@yahoogroups.com, Kb8viv@a... wrote:
> In a message dated 1/7/04 8:15:08 PM Pacific Standard Time, k6htm@y...
> writes:
> Use headphones while transmitting and listen to the monitor. You will
> hear a difference in your audio fidelity as you switch the TX ON/OFF
> button. Make other adjustments as below to flatter your voice.
> --Charlie K6HTM
> Hi Charlie, what monitor? I have a 450 and dsp-100 and I'm not aware
of this
> monitor, but i'd love to hear what I sound like..thanks in advance..
>
> Steve
> kb8viv
>
>
> [Non-text portions of this message have been removed]
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# 1789. TS-450SAT Mod ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-08 20:40:42 UTC
From: langenwalterk50702
Topic: 1789  Message: 1789

Greetings!

I just received my TS-450 and noticed that it has been modified.
I dont know what the mod does and am looking for feedback.

There is a small (1"x.75") circuit board soldered onto the chassis on the bottom of the radio. It has a couple of small electrolytic caps and three .25 watt resisters that I can see (the components are facing down) there is a wire going to LC20 on the IF board. Another wire is soldered on the IF board on the top near LC20. Two other wires go under the IF board. There is also a DPDT switch mounted on the rear of the radio that has wires going to the added circuit board. (two from each side of the switch)

There is also a potentiometer mounted on the rear of the radio with two wires running under the RF board.

The switch that has been added is in poor condition and needs to be replaced or removed.

The radio seems to operate fine, however I have not tested all functions such as CW, FSK.

Thanks, Karl

# 1790. Re: [TS-850_450_690] TS-850SAT Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-08 20:56:14 UTC
From: EI6HB
Topic: 1790  Message: 1790

Hi all,

I have a problem which I hope someone on the list may be able to help me. When I transmit, the power decreases and the ALC meter goes full scale. This appears on the led display like a swing - as one goes up the other comes down and vica versa.

Anybody got any idea what is going on and how to solve it ??

Mni thanks

de Denis EI6HB

# 1791. Re: TS-850SAT Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-08 21:33:17 UTC
From: Max
Topic: 1790  Message: 1791

Denis,

Are you using an 850? Many owners have experienced problems such as you described which are the fault of the DC-DC converter board. It generates a negative DC ALC voltage which determine the output power of the rig. I believe it should be in the range of -6V. You can look up the schematic and measure the voltage. Some people have changed the entire board, which is cheap, or just replace the defective components. The board itself is located on the left side of the radio down below the speaker. While you have it out you may as well do the NB mod if you haven't already.

Max

# 1792. Re: [TS-850_450_690] TS-850SAT Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-09 00:19:00 UTC
From: Bill K0ZL
Topic: 1790  Message: 1792

dc-dc converter is bad

b
--- EI6HB <ei6hb@...> wrote:
> Hi all,
>
> I have a problem which I hope someone on the list
> may be able to help me.
> When I transmit, the power decreases and the ALC
> meter goes full scale. This
> appears on the led display like a swing - as one
> goes up the other comes
> down and vica versa.
>
> Anybody got any idea what is going on and how to
> solve it ??
>
> Mni thanks
>
> de Denis EI6HB
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 1793. Kenwood TS 850 & Heil Goldline Pro problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-09 03:12:53 UTC
From: Zach
Topic: 1793  Message: 1793

I have a Heil Goldline that I am having trouble getting to work with the TS 850. There are times when I do get power out, and alc deflection, and other times I do not. The times that I do, I have set the ALC, and mic gain properly however.

I also have the speech processor engaged. Unfortunately the radio, came with no mic, and I opted to get the goldline, since it worked very well with my TS 2000, which I no longer have, but saw no reason why it should not work with this rig as well.

I am using the Kenwood 8 pin heil CC1 cable with the mic, which HRO-AES etc sells. I am thinking it could be an RF feedback issue, or maybe something else?

My rig is grounded, and I have not changed any of my setup, with the exception of putting the 850 in, after not having an hf rig in the station for about a year.

Thanks Zach K7LTF

# 1794. Re: [TS-850_450_690] Kenwood TS 850 & Heil Goldline Pro problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-09 03:17:50 UTC
From: Berry W6EZ
Topic: 1793  Message: 1794

I use a heil goldline pro with my 850. I am using the mc90 base and the pro mic. With the xlr connectors on both the base and the microphone I just plugged it in and had no problems.

Berry W6EZ

Zach wrote:

> I have a Heil Goldline that I am having trouble getting to work with
> the TS 850. There are times when I do get power out, and alc
> deflection, and other times I do not. The times that I do, I have set
> the ALC, and mic gain properly however.
>
> I also have the speech processor engaged. Unfortunately the radio,
> came with no mic, and I opted to get the goldline, since it worked
> very well with my TS 2000, which I no longer have, but saw no reason
> why it should not work with this rig as well.
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> I am using the Kenwood 8 pin heil CC1 cable with the mic, which
> HRO-AES etc sells. I am thinking it could be an RF feedback issue, or
> maybe something else?
>
> My rig is grounded, and I have not changed any of my setup, with the
> exception of putting the 850 in, after not having an hf rig in the
> station for about a year.
>
>
>
> Thanks Zach K7LTF
>
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>
> THANKS FOR USING TS-850_450_690@...
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[Non-text portions of this message have been removed]

# 1795. Re: [TS-850_450_690] Kenwood TS 850 & Heil Goldline Pro problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-09 04:30:34 UTC
From: Kb8viv@aol.com
Topic: 1793  Message: 1795

In a message dated 1/8/2004 10:13:44 PM Eastern Standard Time, k7ltf@...
writes:

> I have a Heil Goldline that I am having trouble getting to work with the TS
> 850. There are times when I do get power out, and alc deflection, and other
> times I do not. The times that I do, I have set the ALC, and mic gain
> properly however.
>
>

I would try the rig with another mic, a stock kenwood mic preferrably, my gl
pro works fine directly into my 450. Needs an eq but it works..Good luck es
73's.

Kb8viv
steve

[Non-text portions of this message have been removed]

# 1796. Re: Kenwood TS 850 & Heil Goldline Pro problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-09 12:09:37 UTC
From: Max
Topic: 1793  Message: 1796

Zack,

1. Try the Heil on another Kenwood rig
2. Try another mic on your 850

These two steps will tell you which one is causing the problems. I have a Heil HM-10 with the HC4 & 5 element I run through a Behringer EQ into my 850 and it works great.

Good luck,

Max

-42C with the wind chill here this morning, ooooh baby!

# 1797. Re: [TS-850_450_690] Re: Kenwood TS 850 & Heil Goldline Pro problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-09 14:33:05 UTC
From: Paul Manuel
Topic: 1793  Message: 1797

--- Max <ve3tmt@...> wrote:
> Zack,
>
> 1. Try the Heil on another Kenwood rig
> 2. Try another mic on your 850
>
> These two steps will tell you which one is causing the problems. I
> have a Heil HM-10 with the HC4 & 5 element I run through a Behringer
> EQ into my 850 and it works great.

Don't forget that if the problem is RF in the shack it can be present on one mic and not the other, and won't really be the fault of the mic. My experience with Heil mics is that they are not very prone to problems with RF, however.
73,
Paul K4PDM

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http://hotjobs.sweepstakes.yahoo.com/signingbonus

# 1798. Zero Beating w/the 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-09 21:05:03 UTC
From: D.Cy Gacuzana
Topic: 1798  Message: 1798

I have here, possibly a moronic question, I have been zero-beating the 850 via the VOX button disengaged, so a side tone is generated when I key down (straight key plugged into radio parallel w/an external keyer), while still in Receive mode.

My question:

Is there any other way zero beat with the 850 aside from this method? It works fine, but in my mind I'm concerned about overworking that PTT/Vox selector push switch and wearing it out.

I simply wished, it had a SPOT, press/hold button- press the button, hold it in, zero beat, let go, start sending.

Any way to do this with an 850? I read something about "Zero Beating" a CW station in the manual, something about the TUNE but I thought it was inaccurate, as my understanding of it was press TUNE, move VFO until the signal disappeared, press TUNE again to get out of that mode, and then "you are zero beat." (?) the manual says.

---
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[Non-text portions of this message have been removed]

# 1799. Re: [TS-850_450_690] Zero Beating w/the 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-09 22:00:09 UTC
From: Bill K0ZL
Topic: 1798  Message: 1799

I tried this; with the 500 hz filters in, I could not
get closer than 200 hz... the audio goes away and I
have to guess.

I use the vox button thing like you do.

You could also make an outboard audio osc and fix it
at your desired sidetone, just leave it playing at
real low level in the back round as you operate.

I have found that after a qso or two, I have
"memorized" the tone in my head. Of course I think
it helps if you are also a musician!

bill (guitar)
K0ZL

--- "D.Cy Gacuzana" <gacuzana@...> wrote:
> I have here, possibly a moronic question, I have
> been zero-beating the 850 via the VOX button
> disengaged, so a side tone is generated when I key
> down (straight key plugged into radio parallel w/an
> external keyer), while still in Receive mode.
>
> My question:
>
> Is there any other way zero beat with the 850 aside
> from this method? It works fine, but in my mind I'm
> concerned about overworking that PTT/Vox selector
> push switch and wearing it out.
>
> I simply wished, it had a SPOT, press/hold button-
> press the button, hold it in, zero beat, let go,
> start sending.
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> Any way to do this with an 850? I read something
> about "Zero Beating" a CW station in the manual,
> something about the TUNE but I thought it was
> inaccurate, as my understanding of it was press
> TUNE, move VFO until the signal disappeared, press
> TUNE again to get out of that mode, and then "you
> are zero beat." (?) the manual says.
>
>
> ---------------------------------
> Do you Yahoo!?

> Yahoo! Hotjobs: Enter the "Signing Bonus"
> Sweepstakes
>
> [Non-text portions of this message have been
> removed]
>
>

=====

"If in doubt, MODIFY" --k0zl

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---
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http://hotjobs.sweepstakes.yahoo.com/signingbonus

# 1800. Filter Question : YK-455C-1 vs YG-455C-1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-09 23:24:53 UTC
From: Dave
Topic: 1800  Message: 1800

Hello,

I'm in need of a CW filter for my TS-450. Doing many a web search I've run across both YK-455C-1 and YG-455C-1. I can't find wheather these are typos, or what the difference is between the two. Any help would be greatly appreciated.

Thanks & 73,
Dave
KC2KMS

BTW, I receive the LDG K-OTT for Christmas. This uses the 450's tune button to tune my AT-11MP. Very slick.

# 1801. TS 850 - Birdies on 10m?? or marker generator

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-10 01:50:56 UTC
From: Zach
Topic: 1801  Message: 1801

I have noticed with my 850 as well, that there seems to be what sounds like a carrier (possibly birdie - 40-60khz apart, when i tune the receiver on 10m. Has the radio been known to have a reasonable problem with birdies on this band, or could a marker generator be on, and i might be unaware of it? - don't notice it on the bands-freqs.

Thanks Zach

# 1802. Re: [TS-850_450_690] TS 850 - Birdies on 10m?? or marker generator

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-10 02:51:13 UTC
From: Bill K0ZL
Topic: 1801  Message: 1802

Connect dummy load or shorted PL-259 and see if it
goes away.

It's probably your computer monitor OM...Mine is
filthy

b

--- Zach <k7ltf@...> wrote:
> I have noticed with my 850 as well, that there seems
> to be what sounds like a carrier (possibly birdie -
> 40-60khz apart, when i tune the receiver on 10m.
> Has the radio been known to have a reasonable
> problem with birdies on this band, or could a marker
> generator be on, and i might be unaware of it? -
> don't notice it on the bands-freqs.
>
> Thanks Zach
>
>

=====

"If in doubt, MODIFY" --k0zl

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_____
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# 1803. EVERGREEN, COLORADO Ham Get Together - - - More Info

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-10 18:40:00 UTC
From: W. Hansen
Topic: 1803  Message: 1803

INFORMAL GET TOGETHER--TIME/DATE--Evergreen Sports Bar, Tuesday the 13th at
6:30 PM, order from the menu if you want to eat.
Here is the latest list of folks who have indicated they would like to attend an informal get together. Some folks can't make this one, so we can
get together again for a make up if there is interest.

Bill W0BIL
Bill K0OWO
Dave KD6TOC
Dick KC0QDD
Jeff K9UH
John W0NUH
John N0JXN
Leon N0GWM
Mike K0MF
Paul KC0PTX
Roger K0YY
Scott KC0OER
Stan K0SDW
Steve AI0W
Steve WB0FPV
Stuart WA2PQE
Walt W4HXC
Will KC0GCU

After getting feedback from several folks it looks like a weekday evening
would be best for most people. So, I made a reservation at the Evergreen
Sports Bar and Grill for 6:30 PM for next Tuesday evening the 13th of January. If you are not familiar with it, the Sports Bar is on the SW corner
of Evergreen Parkway and Stagecoach Blvd by the Blockbuster video store,
across from Albertson's.

1. Please reply to let us know if you will attend so we can give an approximate number to the folks at the Sports Bar.

2. Significant others are more than welcome. My wife Marilyn KB0LJW will be
there.

3. Please feel free to pass along the time and date and invite other
area
hams that might enjoy an informal get together. If interested, let us
know
who they are so we can add them to the broadcast email list.

4. This is merely an informal get together to have an eyeball QSO with
our
ham neighbors. No program is planned. We'll probably do a round table
introduction and invite folks to expound on their specific areas of
interest
in the hobby. Who knows we may find someone else who enjoys the same
little
nitch(s) of the hobby that we do-- CW, DXing, rag chewing, contesting,
digital operations, SSTV, VHF+, QRP, fourteener QRP, mobile operations,

ham
camping, etc.

5. Wear your call sign nametag if you have one.

If you have a suggestion for the group, please send your comments in
broadcast form via a reply message to all.

Looking forward to seeing you there.

73,

Roger Krautkremer K0YY
303-674-2642
VHF 146.67 MHz
CRRG Net Sunday 9:30 AM-stop by and say

=====
http://RoyaltyFreePhotos.com
**********
**********

_____
Post your free ad now! http://personals.yahoo.ca

# 1804. Re: [TS-850_450_690] EVERGREEN, COLORADO Ham Get Together - - - More Info

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-10 22:11:31 UTC
From: Bill K0ZL
Topic: 1803  Message: 1804

Put me and Bonnie on the list.

K0ZL BILL LEAHY
KB0HTC BONNIE LEAHY

--- "W. Hansen" <rfpexec@...> wrote:
> INFORMAL GET TOGETHER--TIME/DATE--Evergreen Sports
> Bar, Tuesday the
> 13th at
> 6:30 PM, order from the menu if you want to eat.
> Here is the latest list of folks who have indicated
> they would like to
> attend an informal get together. Some folks can't
> make this one, so we
> can
> get together again for a make up if there is
> interest.
>
> Bill W0BIL
> Bill K0OWO
> Dave KD6TOC
> Dick KC0QDD
> Jeff K9UH
> John W0NUH
> John N0JXN
> Leon N0GWM
> Mike K0MF
> Paul KC0PTX
> Roger K0YY
> Scott KC0OER
> Stan K0SDW
> Steve AI0W
> Steve WB0FPV
> Stuart WA2PQE
> Walt W4HXC
> Will KC0GCU
>
> After getting feedback from several folks it looks
> like a weekday
> evening
> would be best for most people. So, I made a
> reservation at the
> Evergreen
> Sports Bar and Grill for 6:30 PM for next Tuesday

> evening the 13th of
> January. If you are not familiar with it, the Sports
> Bar is on the SW
> corner
> of Evergreen Parkway and Stagecoach Blvd by the
> Blockbuster video
> store,
> across from Albertson's.
>
>
> 1. Please reply to let us know if you will attend so
> we can give an
> approximate number to the folks at the Sports Bar.
>
> 2. Significant others are more than welcome. My wife
> Marilyn KB0LJW
> will be
> there.
>
> 3. Please feel free to pass along the time and date
> and invite other
> area
> hams that might enjoy an informal get together. If
> interested, let us
> know
> who they are so we can add them to the broadcast
> email list.
>
> 4. This is merely an informal get together to have
> an eyeball QSO with
> our
> ham neighbors. No program is planned. We'll probably
> do a round table
> introduction and invite folks to expound on their
> specific areas of
> interest
> in the hobby. Who knows we may find someone else who
> enjoys the same
> little
> nitch(s) of the hobby that we do-- CW, DXing, rag
> chewing, contesting,
> digital operations, SSTV, VHF+, QRP, fourteener QRP,
> mobile operations,
>
> ham
> camping, etc.
>
> 5. Wear your call sign nametag if you have one.
>
> If you have a suggestion for the group, please send

> your comments in
> broadcast form via a reply message to all.
>
> Looking forward to seeing you there.
>
> 73,
>
> Roger Krautkremer K0YY
> 303-674-2642
> VHF 146.67 MHz
> CRRG Net Sunday 9:30 AM-stop by and say
>
> =====
> http://RoyaltyFreePhotos.com
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>
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>
>

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>
> Post your free ad now! http://personals.yahoo.ca
>


=====

"If in doubt, MODIFY" --k0zl


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# 1805. Re: Filter Question : YK-455C-1 vs YG-455C-1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-10 23:01:47 UTC
From: smatda
Topic: 1800  Message: 1805

The YG-455C1 (500 hz) and YG-455CN1 (250 hz--N means Narrow) are the correct filters for the 455 hz IF.

For the 8.83 kHz IF, use either:

YK-88C1 (500 Hz)
YK-88CN1 (270 hz)
YK-88S-1 (2.4 KHz)--SSB
YK-88SN-1 (1.8 Khz)--SSB

I got this from the manual. When I got mine I added 3 filters to for a full boat, ie. I have dual 2.4's and dual 500's in both IFs.

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "Dave" <davef1@s...> wrote:
> Hello,
>
> I'm in need of a CW filter for my TS-450. Doing many a web search
> I've run across both YK-455C-1 and YG-455C-1. I can't find wheather
> these are typos, or what the difference is between the two. Any help
> would be greatly appreciated.
>
> Thanks & 73,
> Dave
> KC2KMS
>
>
> BTW, I receive the LDG K-OTT for Christmas. This uses the 450's tune
> button to tune my AT-11MP. Very slick.

# 1806. Re: [TS-850_450_690] Re: Filter Question : YK-455C-1 vs YG-455C-1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-11 17:52:28 UTC
From: kgshutt
Topic: 1800  Message: 1806

There are two slots for optional filters in the 8.83 mhz if and one in the 455 khz if. There are several optional filters available from Kenwood and Inrad (there may be many others also). The 2.7 khz, 8.83 mhz if crystal filter is standard. There is also a 2.7 khz, 455 khz if ceramic filter standard. I would see little benefit in installing a 2.7 khz filter in one of the optional 8.83 mhz slots because a similar ssb filter is provided in the 850 as standard equipment.

I originally purchased a Kenwood 500 hz cw filter for the 455 khz if. I am considering purchasing another cw filter for the 8.83 mhz if. Would this dual 500 hz cw filter arrangement result in any significant improvement? Also, are there any recommendations for cw filters in the 8.83 mhz if?

Thanks,

Ken - K5GUU

----- Original Message -----
From: smatda
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 10, 2004 5:01 PM
Subject: [TS-850_450_690] Re: Filter Question : YK-455C-1 vs YG-455C-1

The YG-455C1 (500 hz) and YG-455CN1 (250 hz--N means Narrow) are the
correct filters for the 455 hz IF.

For the 8.83 kHz IF, use either:

YK-88C1 (500 Hz)
YK-88CN1 (270 hz)
YK-88S-1 (2.4 KHz)--SSB
YK-88SN-1 (1.8 Khz)--SSB

I got this from the manual. When I got mine I added 3 filters to for
a full boat, ie. I have dual 2.4's and dual 500's in both IFs.

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "Dave" <davef1@s...> wrote:
> Hello,
>
> I'm in need of a CW filter for my TS-450. Doing many a web search
> I've run across both YK-455C-1 and YG-455C-1. I can't find wheather
> these are typos, or what the difference is between the two. Any
help
> would be greatly appreciated.
>
> Thanks & 73,

> Dave
> KC2KMS
>
>
> BTW, I receive the LDG K-OTT for Christmas. This uses the 450's
tune
> button to tune my AT-11MP. Very slick.

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[Non-text portions of this message have been removed]

# 1807. Re: Filter Question : YK-455C-1 vs YG-455C-1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-12 05:52:47 UTC
From: smatda
Topic: 1800  Message: 1807

If I remember correctly (somewhere back in the cobwebs of my brain) I read an article or something that stated dual IF filters in a multi conversion reciever behaved as a narrower filter than their true bandwidth. In other words...the whole is greater than the sum of its parts.

At any rate, looking at the specs for the 8.83 mhz and 455 hz filters, they are vastly different animals. The 455 hz filters have much steeper skirts. For example, the 500 hz filter for the 455 hz IF has a 60 dB attenuation bandwidth of 820 hz. Compare that with the 500 hz filter for the 8.83 MHz IF...1.5 KHz!!

From what I can tell on my 450, the 455 IF filter is a monster of a filter. Just for kicks, I done some experimenting just now and parked a strong 10 over 9 80M CW signal on the edge of the passband and started playing with the filter carousel. Here's what I found:

With both 2.4's inline signal was 10 over 9.
With the 8.83 Mhz 500 in and the 455 kHz 2.4 in signal was S9 solid copy.
With the 8.83 Mhz 2.4 in and the 455 kHz 500 in signal was S7 and readable.
With both 500's inline the signal was S6 and only consisted of keyclicks.

I don't know if this is accurate, but it does seem to agree with the published filter specs. FWIW I'll be honest--I didn't anticipate such a big difference in one vs. two 500 hz filters, either.

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "kgshutt" <kgshutt@c...> wrote:
> There are two slots for optional filters in the 8.83 mhz if and one in the 455 khz if. There are several optional filters available from Kenwood and Inrad (there may be many others also). The 2.7 khz, 8.83 mhz if crystal filter is standard. There is also a 2.7 khz, 455 khz if ceramic filter standard. I would see little benefit in installing a 2.7 khz filter in one of the optional 8.83 mhz slots because a similar ssb filter is provided in the 850 as standard equipment.
>
> I originally purchased a Kenwood 500 hz cw filter for the 455 khz if. I am considering purchasing another cw filter for the 8.83 mhz if. Would this dual 500 hz cw filter arrangement result in any significant improvement? Also, are there any recommendations for cw filters in the 8.83 mhz if?
>

> Thanks,
>
> Ken - K5GUU
>
> ----- Original Message -----
> From: smatda
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, January 10, 2004 5:01 PM
> Subject: [TS-850_450_690] Re: Filter Question : YK-455C-1 vs YG-
455C-1
>
>
> The YG-455C1 (500 hz) and YG-455CN1 (250 hz--N means Narrow) are
the
> correct filters for the 455 hz IF.
>
> For the 8.83 kHz IF, use either:
>
> YK-88C1 (500 Hz)
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>
> I got this from the manual. When I got mine I added 3 filters to
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>
> Steve, KE4MOB
>
>
>
>
> ------------------------------------------------------------------------
----------
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
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> [Non-text portions of this message have been removed]

# 1808. RE: [TS-850_450_690] Re: Filter Question : YK-455C-1 vs YG-455C-1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-12 07:28:31 UTC
From: Phil
Topic: 1800  Message: 1808

interesting data Steve.
I've wondered myself if both filters would improve a lot.
Most people told me b4 that the first choice should be the 8,83
This filter does the most and hardest job, second the 455 that again improve the first ones job.

I' now came to a dillema and would appreciate ideas or input.

For the moment I have the 2 stock 2,7 filters.
I have the 1,8 SSB filter in a 8,83 slot, leaving one 8,83 slot free and the 455 slot free

Tomorrow I will be asked to buy CW filters from a guy that just found a 850 with both cw filters
Since I work ssb the most, what 500 hz filter should y'all recommend, the 8,83 or the 455 for the 500 hz ?
Or shoud I take both ?

Tnx, Phil ON4VP

---

Van: smatda [mailto:smatda@...]
Verzonden: maandag 12 januari 2004 6:53
Aan: TS-850_450_690@yahoogroups.com
Onderwerp: [TS-850_450_690] Re: Filter Question : YK-455C-1 vs YG-455C-1

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keyclicks.

I don't know if this is accurate, but it does seem to agree with the
published filter specs. FWIW I'll be honest--I didn't anticipate
such a big difference in one vs. two 500 hz filters, either.

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "kgshutt" <kgshutt@c...> wrote:
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in the 455 khz if. There are several optional filters available from
Kenwood and Inrad (there may be many others also). The 2.7 khz, 8.83
mhz if crystal filter is standard. There is also a 2.7 khz, 455 khz
if ceramic filter standard. I would see little benefit in installing
a 2.7 khz filter in one of the optional 8.83 mhz slots because a
similar ssb filter is provided in the 850 as standard equipment.
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> I originally purchased a Kenwood 500 hz cw filter for the 455 khz
if. I am considering purchasing another cw filter for the 8.83 mhz
if. Would this dual 500 hz cw filter arrangement result in any
significant improvement? Also, are there any recommendations for cw
filters in the 8.83 mhz if?
>
> Thanks,
>
> Ken - K5GUU
>
> ----- Original Message -----
> From: smatda
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, January 10, 2004 5:01 PM
> Subject: [TS-850_450_690] Re: Filter Question : YK-455C-1 vs YG-
455C-1
>
>
> The YG-455C1 (500 hz) and YG-455CN1 (250 hz--N means Narrow) are
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> YK-88CN1 (270 hz)
> YK-88S-1 (2.4 KHz)--SSB
> YK-88SN-1 (1.8 Khz)--SSB
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for

> a full boat, ie. I have dual 2.4's and dual 500's in both IFs.
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> Steve, KE4MOB
>
>
>
>
> ------------------------------------------------------------------------
---
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
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>
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[Non-text portions of this message have been removed]

# 1809. Re: [TS-850_450_690] Re: Filter Question : YK-455C-1 vs YG-455C-1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-12 13:21:31 UTC
From: Bill K0ZL
Topic: 1800  Message: 1809

Now if you had a second rig with 2-Inrad 400's, it
would blow your mind how much better they are.

I run k'wood stock filters and they work just fine but
if I get rich someday, Inrads will go in my 850.

Have compared them here... wow.

bill

--- smatda <smatda@...> wrote:
> If I remember correctly (somewhere back in the
> cobwebs of my brain) I
> read an article or something that stated dual IF
> filters in a multi
> conversion reciever behaved as a narrower filter
> than their true
> bandwidth. In other words...the whole is greater
> than the sum of its
> parts.
>
> At any rate, looking at the specs for the 8.83 mhz
> and 455 hz
> filters, they are vastly different animals. The 455
> hz filters have
> much steeper skirts. For example, the 500 hz filter
> for the 455 hz
> IF has a 60 dB attenuation bandwidth of 820 hz.
> Compare that with
> the 500 hz filter for the 8.83 MHz IF...1.5 KHz!!
>
> From what I can tell on my 450, the 455 IF filter is
> a monster of a
> filter. Just for kicks, I done some experimenting
> just now and
> parked a strong 10 over 9 80M CW signal on the edge
> of the passband
> and started playing with the filter carousel.
> Here's what I found:
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> With both 2.4's inline signal was 10 over 9.
> With the 8.83 Mhz 500 in and the 455 kHz 2.4 in
> signal was S9 solid
> copy.
> With the 8.83 Mhz 2.4 in and the 455 kHz 500 in
> signal was S7 and

> readable.
> With both 500's inline the signal was S6 and only
> consisted of
> keyclicks.
>
> I don't know if this is accurate, but it does seem
> to agree with the
> published filter specs. FWIW I'll be honest--I
> didn't anticipate
> such a big difference in one vs. two 500 hz filters,
> either.
>
> Steve, KE4MOB
>
>
> --- In TS-850_450_690@yahoogroups.com, "kgshutt"
> <kgshutt@c...> wrote:
> > There are two slots for optional filters in the
> 8.83 mhz if and one
> in the 455 khz if. There are several optional
> filters available from
> Kenwood and Inrad (there may be many others also).
> The 2.7 khz, 8.83
> mhz if crystal filter is standard. There is also a
> 2.7 khz, 455 khz
> if ceramic filter standard. I would see little
> benefit in installing
> a 2.7 khz filter in one of the optional 8.83 mhz
> slots because a
> similar ssb filter is provided in the 850 as
> standard equipment.
> >
> > I originally purchased a Kenwood 500 hz cw filter
> for the 455 khz
> if. I am considering purchasing another cw filter
> for the 8.83 mhz
> if. Would this dual 500 hz cw filter arrangement
> result in any
> significant improvement? Also, are there any
> recommendations for cw
> filters in the 8.83 mhz if?
> >
> > Thanks,
> >
> > Ken - K5GUU
> >
> > ----- Original Message -----
> > From: smatda
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Saturday, January 10, 2004 5:01 PM

> > Subject: [TS-850_450_690] Re: Filter Question :
> YK-455C-1 vs YG-
> 455C-1
> >
> >
> > The YG-455C1 (500 hz) and YG-455CN1 (250 hz--N
> means Narrow) are
> the
> > correct filters for the 455 hz IF.
> >
> > For the 8.83 kHz IF, use either:
> >
> > YK-88C1 (500 Hz)
> > YK-88CN1 (270 hz)
> > YK-88S-1 (2.4 KHz)--SSB
> > YK-88SN-1 (1.8 Khz)--SSB
> >
> > I got this from the manual. When I got mine I
> added 3 filters to
> for
> > a full boat, ie. I have dual 2.4's and dual
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> >
> > Steve, KE4MOB
> >
> >
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> >
>
---
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> > [Non-text portions of this message have been
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"If in doubt, MODIFY" --k0zl

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# 1810. RE: [TS-850_450_690] Re: Filter Question : YK-455C-1 vs YG-455C-1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-12 13:24:29 UTC
From: Bill K0ZL
Topic: 1800  Message: 1810

Take both if you can.

The 455 will be the "quieter" of the two since it will
filter a little better, plus take out 1 or 2 IF
stages' noise contribution.

bill

--- Phil <e-groups@...> wrote:
> interesting data Steve.
> I've wondered myself if both filters would improve a
> lot.
> Most people told me b4 that the first choice should
> be the 8,83
> This filter does the most and hardest job, second
> the 455 that again improve
> the first ones job.
>
> I' now came to a dillema and would appreciate ideas
> or input.
>
> For the moment I have the 2 stock 2,7 filters.
> I have the 1,8 SSB filter in a 8,83 slot, leaving
> one 8,83 slot free and the
> 455 slot free
>
> Tomorrow I will be asked to buy CW filters from a
> guy that just found a 850
> with both cw filters
> Since I work ssb the most, what 500 hz filter should
> y'all recommend, the
> 8,83 or the 455 for the 500 hz ?
> Or shoud I take both ?
>
> Tnx, Phil ON4VP
>
> -----
>
> Van: smatda [mailto:smatda@...]
> Verzonden: maandag 12 januari 2004 6:53
> Aan: TS-850_450_690@yahoogroups.com
> Onderwerp: [TS-850_450_690] Re: Filter Question :
> YK-455C-1 vs YG-455C-1
>
>
> If I remember correctly (somewhere back in the

> cobwebs of my brain) I
> read an article or something that stated dual IF
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> At any rate, looking at the specs for the 8.83 mhz
> and 455 hz
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> <kgshutt@c...> wrote:
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> significant improvement? Also, are there any
> recommendations for cw
> filters in the 8.83 mhz if?
> >
> > Thanks,
> >
> > Ken - K5GUU
> >
> > ----- Original Message -----
> > From: smatda
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Saturday, January 10, 2004 5:01 PM
> > Subject: [TS-850_450_690] Re: Filter Question :
> YK-455C-1 vs YG-
> 455C-1
> >
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> ault?mqso=60178338&partid=4116730> click here
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"If in doubt, MODIFY" --k0zl

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# 1811. Re: [TS-850_450_690] Re: Filter Question : YK-455C-1 vs YG-455C-1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-12 14:16:56 UTC
From: Zack Widup
Topic: 1800  Message: 1811

I've been thinking of getting the Inrad (IRC) filters. Many people have told me the performance is better than the Kenwood filters (which is really not bad, as you say). Maybe after I get my income tax refund this year. :-)

73, Zack W9SZ

On Mon, 12 Jan 2004, Bill K0ZL wrote:

> Now if you had a second rig with 2-Inrad 400's, it
> would blow your mind how much better they are.
>
> I run k'wood stock filters and they work just fine but
> if I get rich someday, Inrads will go in my 850.
>
> Have compared them here... wow.
>
> bill
>

# 1812. Re: Filter Question : YK-455C-1 vs YG-455C-1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-12 14:37:44 UTC
From: smatda
Topic: 1800  Message: 1812

I agree. Take both if you can.

Failing that, I'd take only the 455/500.

And last resort I'd take only the 8.83/500.

Steve

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> Take both if you can.
>
> The 455 will be the "quieter" of the two since it will
> filter a little better, plus take out 1 or 2 IF
> stages' noise contribution.
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> bill
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> > Tnx, Phil ON4VP
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> > Van: smatda [mailto:smatda@y...]
> > Verzonden: maandag 12 januari 2004 6:53
> > Aan: TS-850_450_690@yahoogroups.com
> > Onderwerp: [TS-850_450_690] Re: Filter Question :
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> > >
> > > Ken - K5GUU
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> > > ----- Original Message -----
> > > From: smatda
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Saturday, January 10, 2004 5:01 PM
> > > Subject: [TS-850_450_690] Re: Filter Question :
> > YK-455C-1 vs YG-
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> > > The YG-455C1 (500 hz) and YG-455CN1 (250 hz--N

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>
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# 1813. Awesome station

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-12 20:17:42 UTC
From: Bill
Topic: 1813  Message: 1813

http://www.kkn.net/~w5kft/inside-shack.html

I am impressed with their choice of rigs!

bill

# 1814. Re: [TS-850_450_690] Re: Filter Question : YK-455C-1 vs YG-455C-1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-12 20:59:27 UTC
From: Bill K0ZL
Topic: 1800  Message: 1814

Yes, Ken, get the 8.8 500hz filter by all means. These
are sometimes on eBay and will really enhance
operation on CW and narrow digital modes.

I would match the bandwidths for best effect... Don't
do a 500 and 400 or 1.8 and 500, the slope factors
will not add up as noticably.

Bill

--- kgshutt <kgshutt@...> wrote:
> There are two slots for optional filters in the 8.83
> mhz if and one in the 455 khz if. There are several
> optional filters available from Kenwood and Inrad
> (there may be many others also). The 2.7 khz, 8.83
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> Thanks,
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> Ken - K5GUU
>
> ----- Original Message -----
> From: smatda
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, January 10, 2004 5:01 PM
> Subject: [TS-850_450_690] Re: Filter Question :
> YK-455C-1 vs YG-455C-1
>
>
> The YG-455C1 (500 hz) and YG-455CN1 (250 hz--N
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> added 3 filters to for
> a full boat, ie. I have dual 2.4's and dual 500's
> in both IFs.
>
> Steve, KE4MOB
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave"
> <davef1@s...> wrote:
> > Hello,
> > >
> > I'm in need of a CW filter for my TS-450. Doing
> many a web search
> > I've run across both YK-455C-1 and YG-455C-1. I
> can't find wheather
> > these are typos, or what the difference is
> between the two. Any
> help
> > would be greatly appreciated.
> > >
> > Thanks & 73,
> > Dave
> > KC2KMS
> > >
> > >
> > BTW, I receive the LDG K-OTT for Christmas.
> This uses the 450's
> tune
> > button to tune my AT-11MP. Very slick.
>
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>
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>
> THANKS FOR USING TS-850_450_690@...
>
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>
---
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> [Non-text portions of this message have been
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=====

"If in doubt, MODIFY" --k0zl

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# 1815. rigblaster and the kenwood TS 450-S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-12 23:37:11 UTC
From: n8313j@yahoo.com
Topic: 1815  Message: 1815

Is anyone runnning a rigblaster on a 450?

Is the pro (at $250) worth it?

Would the el cheapo (under $75, I think) "nomic" be just as good? Or would you miss a lot of stuff?

Many thanks. I am not bright enough to make my own interface, tho'...

Tom

# 1816. 850 tuner trouble

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-13 04:03:32 UTC
From: timhoy
Topic: 1816  Message: 1816

Anybody heard about the internal tuner being ok one minute and the next it can't find its own tail. It goes from low to high and times out. High swr is not the problem.
Thanks,
Tim

# 1817. Re: [TS-850_450_690] 850 tuner trouble

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-13 05:37:32 UTC
From: Zack Widup
Topic: 1816  Message: 1817

I had that problem until I discovered I had the power output turned too low. It doesn't work if the power out is set for less than about 10 watts, I think. The manual mentions this.

If that is not the situation, it might be something bad in the SWR sensor circuit.

73, Zack W9SZ

On Tue, 13 Jan 2004, timhoy wrote:

> Anybody heard about the internal tuner being ok one minute and the
> next it can't find its own tail. It goes from low to high and times
> out. High swr is not the problem.
> Thanks,
> Tim
>

# 1818. Re: [TS-850_450_690] 850 tuner trouble

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-13 05:39:48 UTC
From: Tim Hoy
Topic: 1816  Message: 1818

Thanks Zack, I made sure the power was turned up, and the key was unplugged, the menu item #20 was ON. Can't think of anything else.
Tim

Zack Widup <w9sz@...> wrote:
I had that problem until I discovered I had the power output turned too low. It doesn't work if the power out is set for less than about 10 watts, I think. The manual mentions this.

If that is not the situation, it might be something bad in the SWR sensor circuit.

73, Zack W9SZ

On Tue, 13 Jan 2004, timhoy wrote:

> Anybody heard about the internal tuner being ok one minute and the
> next it can't find its own tail. It goes from low to high and times
> out. High swr is not the problem.
> Thanks,
> Tim
>

THANKS FOR USING TS-850_450_690@...

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# 1819. RE: [TS-850_450_690] rigblaster and the kenwood TS 450-S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-13 05:56:01 UTC
From: Larry Simon
Topic: 1815  Message: 1819

I use the rigblaster plus. If you still want to talk on the radio I would not get the no mic because you would have to disconnect and reconnect from one to the other.

If you want to add DSP the pro is the way to go.

Larry
KC7QJO
AFMARS AFA6BR
www.nellisrac.org

-----Original Message-----
From: n8313j@... [mailto:n8313j@...]
Sent: Monday, January 12, 2004 3:37 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] rigblaster and the kenwood TS 450-S

Is anyone runnning a rigblaster on a 450?

Is the pro (at $250) worth it?

Would the el cheapo (under $75, I think) "nomic" be just as good? Or would you miss a lot of stuff?

Many thanks. I am not bright enough to make my own interface, tho'...

Tom

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# 1820. Re: [TS-850_450_690] Re: Filter Question : YK-455C-1 vs YG-455C-1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-13 11:00:59 UTC
From: kgshutt
Topic: 1800  Message: 1820

Thanks for the comment Bill. I have ordered an Inrad 250 hz, 8.8 mhz filter. I thought the Inrad filters were considered superior to the Kenwood. However, I didn't match BW. How will this filter perform with the wider, 500 hz, 455 khz Kenwood filter?

Ken
----- Original Message -----
From: Bill K0ZL
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 12, 2004 2:59 PM
Subject: Re: [TS-850_450_690] Re: Filter Question : YK-455C-1 vs YG-455C-1

Yes, Ken, get the 8.8 500hz filter by all means. These
are sometimes on eBay and will really enhance
operation on CW and narrow digital modes.

I would match the bandwidths for best effect... Don't
do a 500 and 400 or 1.8 and 500, the slope factors
will not add up as noticably.

Bill

--- kgshutt <kgshutt@...> wrote:
> There are two slots for optional filters in the 8.83
> mhz if and one in the 455 khz if. There are several
> optional filters available from Kenwood and Inrad
> (there may be many others also). The 2.7 khz, 8.83
> mhz if crystal filter is standard. There is also a
> 2.7 khz, 455 khz if ceramic filter standard. I
> would see little benefit in installing a 2.7 khz
> filter in one of the optional 8.83 mhz slots because
> a similar ssb filter is provided in the 850 as
> standard equipment.
>
> I originally purchased a Kenwood 500 hz cw filter
> for the 455 khz if. I am considering purchasing
> another cw filter for the 8.83 mhz if. Would this
> dual 500 hz cw filter arrangement result in any
> significant improvement? Also, are there any
> recommendations for cw filters in the 8.83 mhz if?
>
> Thanks,
>
> Ken - K5GUU
>
> ----- Original Message -----
> From: smatda

> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, January 10, 2004 5:01 PM
> Subject: [TS-850_450_690] Re: Filter Question :
> YK-455C-1 vs YG-455C-1
>
>
> The YG-455C1 (500 hz) and YG-455CN1 (250 hz--N
> means Narrow) are the
> correct filters for the 455 hz IF.
>
> For the 8.83 kHz IF, use either:
>
> YK-88C1 (500 Hz)
> YK-88CN1 (270 hz)
> YK-88S-1 (2.4 KHz)--SSB
> YK-88SN-1 (1.8 Khz)--SSB
>
> I got this from the manual. When I got mine I
> added 3 filters to for
> a full boat, ie. I have dual 2.4's and dual 500's
> in both IFs.
>
> Steve, KE4MOB
>
>
> --- In TS-850_450_690@yahoogroups.com, "Dave"
> <davef1@s...> wrote:
> > Hello,
> >
> > I'm in need of a CW filter for my TS-450. Doing
> many a web search
> > I've run across both YK-455C-1 and YG-455C-1. I
> can't find wheather
> > these are typos, or what the difference is
> between the two. Any
> help
> > would be greatly appreciated.
> >
> > Thanks & 73,
> > Dave
> > KC2KMS
> >
> >
> > BTW, I receive the LDG K-OTT for Christmas.
> This uses the 450's
> tune
> > button to tune my AT-11MP. Very slick.
>
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>
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> c.. Your use of Yahoo! Groups is subject to the
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# 1821. Re: [TS-850_450_690] 850 tuner trouble

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-13 11:08:41 UTC
From: kgshutt
Topic: 1816  Message: 1821

Make sure you have the carrier control set high enough. You need about 10 watts in cw mode for the tuner to operate. If this control is set too low, the tuner will not be able to find its tail...

Ken - K5GUU

----- Original Message -----
From: timhoy
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 12, 2004 10:03 PM
Subject: [TS-850_450_690] 850 tuner trouble

Anybody heard about the internal tuner being ok one minute and the
next it can't find its own tail. It goes from low to high and times
out. High swr is not the problem.
Thanks,
Tim

THANKS FOR USING TS-850_450_690@...

---
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# 1822. Re: [TS-850_450_690] rigblaster and the kenwood TS 450-S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-13 11:13:08 UTC
From: kgshutt
Topic: 1815  Message: 1822

I use the nomic on my 850 and it works fine. Just wire up to the mike input on the accessory plug. The mike input is muted when the rig is keyed from the accessory plug so the mike is not live when in digital mode.

Ken - K5GUU
----- Original Message -----
From: Larry Simon
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 12, 2004 11:56 PM
Subject: RE: [TS-850_450_690] rigblaster and the kenwood TS 450-S

I use the rigblaster plus. If you still want to talk on the radio I would not get the no mic because you would have to disconnect and reconnect from one to the other.

If you want to add DSP the pro is the way to go.

Larry
KC7QJO
AFMARS AFA6BR
www.nellisrac.org

-----Original Message-----
From: n8313j@... [mailto:n8313j@...]
Sent: Monday, January 12, 2004 3:37 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] rigblaster and the kenwood TS 450-S

Is anyone runnning a rigblaster on a 450?

Is the pro (at $250) worth it?

Would the el cheapo (under $75, I think) "nomic" be just as good? Or would you miss a lot of stuff?

Many thanks. I am not bright enough to make my own interface, tho'...

Tom

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# 1823. RE: [TS-850_450_690] 850 tuner trouble

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-13 14:36:36 UTC
From: Mario Aviles
Topic: 1816  Message: 1823

Do you have the DSP-100. When you use the tuner be sure the DSP TX is off.

Regards

Mario/YS1MAE

-----Mensaje original-----
De: timhoy [mailto:timhoy@...]
Enviado el: Lunes, 12 de Enero de 2004 10:04 p.m.
Para: TS-850_450_690@yahoogroups.com
Asunto: [TS-850_450_690] 850 tuner trouble

Anybody heard about the internal tuner being ok one minute and the
next it can't find its own tail. It goes from low to high and times
out. High swr is not the problem.
Thanks,
Tim

THANKS FOR USING TS-850_450_690@...

---

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[Non-text portions of this message have been removed]

# 1824. Re: [TS-850_450_690] Re: Filter Question : YK-455C-1 vs YG-455C-1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-13 14:47:35 UTC
From: Bill K0ZL
Topic: 1800  Message: 1824

it will work just fine! and you still have room for
the 500 k'wood if you want to add it later.

bill

--- kgshutt <kgshutt@...> wrote:
> Thanks for the comment Bill. I have ordered an
> Inrad 250 hz, 8.8 mhz filter. I thought the Inrad
> filters were considered superior to the Kenwood.
> However, I didn't match BW. How will this filter
> perform with the wider, 500 hz, 455 khz Kenwood
> filter?
>
> Ken
> ----- Original Message -----
> From: Bill K0ZL
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, January 12, 2004 2:59 PM
> Subject: Re: [TS-850_450_690] Re: Filter Question
> : YK-455C-1 vs YG-455C-1
>
>
> Yes, Ken, get the 8.8 500hz filter by all means.
> These
> are sometimes on eBay and will really enhance
> operation on CW and narrow digital modes.
>
> I would match the bandwidths for best effect...
> Don't
> do a 500 and 400 or 1.8 and 500, the slope factors
> will not add up as noticably.
>
> Bill
>
>
> --- kgshutt <kgshutt@...> wrote:
> > There are two slots for optional filters in the
> 8.83
> > mhz if and one in the 455 khz if. There are
> several
> > optional filters available from Kenwood and
> Inrad
> > (there may be many others also). The 2.7 khz,
> 8.83
> > mhz if crystal filter is standard. There is

> also a
> > 2.7 khz, 455 khz if ceramic filter standard. I
> > would see little benefit in installing a 2.7 khz
> > filter in one of the optional 8.83 mhz slots
> because
> > a similar ssb filter is provided in the 850 as
> > standard equipment.
> >
> > I originally purchased a Kenwood 500 hz cw
> filter
> > for the 455 khz if. I am considering purchasing
> > another cw filter for the 8.83 mhz if. Would
> this
> > dual 500 hz cw filter arrangement result in any
> > significant improvement? Also, are there any
> > recommendations for cw filters in the 8.83 mhz
> if?
> >
> > Thanks,
> >
> > Ken - K5GUU
> >
> > ----- Original Message -----
> > From: smatda
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Saturday, January 10, 2004 5:01 PM
> > Subject: [TS-850_450_690] Re: Filter Question
> :
> > YK-455C-1 vs YG-455C-1
> >
> >
> > The YG-455C1 (500 hz) and YG-455CN1 (250 hz--N
> > means Narrow) are the
> > correct filters for the 455 hz IF.
> >
> > For the 8.83 kHz IF, use either:
> >
> > YK-88C1 (500 Hz)
> > YK-88CN1 (270 hz)
> > YK-88S-1 (2.4 KHz)--SSB
> > YK-88SN-1 (1.8 Khz)--SSB
> >
> > I got this from the manual. When I got mine I
> > added 3 filters to for
> > a full boat, ie. I have dual 2.4's and dual
> 500's
> > in both IFs.
> >
> > Steve, KE4MOB
> >

> >
> > --- In TS-850_450_690@yahoogroups.com, "Dave"
> > <davef1@s...> wrote:
> > > Hello,
> > >
> > > I'm in need of a CW filter for my TS-450.
> Doing
> > many a web search
> > > I've run across both YK-455C-1 and
> YG-455C-1. I
> > can't find wheather
> > > these are typos, or what the difference is
> > between the two. Any
> > help
> > > would be greatly appreciated.
> > >
> > > Thanks & 73,
> > > Dave
> > > KC2KMS
> > >
> > >
> > > BTW, I receive the LDG K-OTT for Christmas.
> > This uses the 450's
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> > > button to tune my AT-11MP. Very slick.
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# 1825. Re: [TS-850_450_690] 850 tuner trouble

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-13 14:49:31 UTC
From: Bill K0ZL
Topic: 1816  Message: 1825

Check for loose gears. Also the SWR sense diode may be
bad.

bill

--- timhoy <timhoy@...> wrote:
> Anybody heard about the internal tuner being ok one
> minute and the
> next it can't find its own tail. It goes from low to
> high and times
> out. High swr is not the problem.
> Thanks,
> Tim
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 1826. 850 service manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-13 16:57:17 UTC
From: timhoy
Topic: 1826  Message: 1826

Anybody know where to find a service manual online. The one at
cqham.ru seems to have about half the pages missing.
73, Tim

# 1827. Re: Filter Question : YK-455C-1 vs YG-455C-1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-13 17:17:36 UTC
From: rsakabu
Topic: 1800  Message: 1827

All this filter talk is very interesting.

The original question was in regard to the TS-450 and from my personal observations:

The TS-450S does not benefit very much from equal width filters in both IF slots. This is because unlike the "big rigs" starting with the 830 which include the 850, 940, and 950, there is neither a slope tune control nor a VBT control, only IF shift.

Cascading equal width filters certainly narrows the passband since by definition, a pair of filters which attenuate at the -6dB point will now work together to attenuate -12dB and the new -6dB is now narrower (unless the filters have a shape factor of 1.0 with vertical sides).

QRM outside the passband is reduced more when cascading the filters, but QRM inside, but a little off center of the passband is hardly attenuated.

The TS-450S I bought came with the optional 2.7 kHz 455 IF crystal filters two 500 Hz filters. I hardly hear any difference when switching between the single or cascaded arrangement.

My recommendation for the 3 optional filters for the 450 would be:
1.9 kHz SSB
400 Hz CW
250 Hz CW

For the TS-850S:
The stock SSB filters are fine for 99% SSB ops since you can vary the passband down to nearly 500 Hz. Add two 500 Hz or 400 Hz filters for CW and you will be set for anything from hearing SSB from about 2.7 kHz (using only one filter or 2.4 kHz with both filters) down to about 500 Hz, then switch over to the CW filters and narrow the passband continuously down to nearly 150 Hz.

73
Roy
AD6ZU

--- In TS-850_450_690@yahoogroups.com, "Dave" <davef1@s...> wrote:
> Hello,
>
> I'm in need of a CW filter for my TS-450. Doing many a web search
> I've run across both YK-455C-1 and YG-455C-1. I can't find wheather
> these are typos, or what the difference is between the two. Any
help

> would be greatly appreciated.
>
> Thanks & 73,
> Dave
> KC2KMS
>
>
> BTW, I receive the LDG K-OTT for Christmas. This uses the 450's
tune
> button to tune my AT-11MP. Very slick.

# 1828. Re: 850 service manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-13 20:21:12 UTC
From: Max
Topic: 1826  Message: 1828

--- In TS-850_450_690@yahoogroups.com, "timhoy" <timhoy@y...> wrote:
> Anybody know where to find a service manual online. The one at
> cqham.ru seems to have about half the pages missing.
> 73, Tim

Tim,

The one you are referring to is missing the schematics and board
layouts. It does however explain circuit operation, and alignment
should you need it.

Max

# 1829. CAT for my TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-14 17:08:34 UTC
From: ac7nj@donobi.net
Topic: 1829  Message: 1829

I have a Kenwood TS-850 but no cable for the computer.

I'm looking for the information needed to create my own cat interface.

Randy Williamson AC7NJ

129 F Street Southeast

Ephrata, Washington 98823-1914

(509)754-2990

[Non-text portions of this message have been removed]

# 1830. WANTED: Kenwood SM220 w/pan adapter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-14 17:40:26 UTC
From: wolobmp
Topic: 1830  Message: 1830

hello all.....i am looking for a sm-220 scope with the pan
adapter,must be in excellent condition without any crt burnout etc.
if you have one and no longer using i would like to hear from you.
please email me at wolobmp@.......thank you....mike

# 1831. RE: [TS-850_450_690] WANTED: Kenwood SM220 w/pan adapter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-14 20:32:29 UTC
From: ac7nj@donobi.net
Topic: 1830  Message: 1831

I have one for sale on ebay sorry it is too late to pull it off but the
number is 3070909887

Randy Williamson AC7NJ
129 F Street Southeast
Ephrata, Washington 98823-1914
(509)754-2990

-----Original Message-----
From: wolobmp [mailto:wolobmp@...]
Sent: Wednesday, January 14, 2004 17:40
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] WANTED: Kenwood SM220 w/pan adapter

hello all.....i am looking for a sm-220 scope with the pan
adapter,must be in excellent condition without any crt burnout etc.
if you have one and no longer using i would like to hear from you.
please email me at wolobmp@.......thank you....mike

THANKS FOR USING TS-850_450_690@...

Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to:
http://docs.yahoo.com/info/terms/

# 1832. Re: Filter Question : YK-455C-1 vs YG-455C-1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-14 21:24:23 UTC
From: Dave
Topic: 1800  Message: 1832

Looks like I'll want to get a CW filter for 8.83 sometime too.

Back to my original questions though. What is the difference between K and G? There seem to be older YK-455C-1 filters, while the newer ones are YG-455C-1. These are both 500Hz filters for the 455 IF. I am getting a YK-455C-1, and wonder what the downside is. (If there is one.) I figured someone who's been following kenwoods for a while might know.

Anyway, thanks for all the filter info,

73,
Dave
KC2KMS

# 1833. 690S .....auto tuners ...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-15 02:51:27 UTC
From: taephono
Topic: 1833  Message: 1833

Hi ,,,

I'm looking for one of the following for my 690S station..
Automatic antenna tuner unit ... either the AT450 or AT300

if you have one forsale contact me...

73,
Clint

# 1834. In search of : DRU2 + 500hz filter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-15 05:18:14 UTC
From: Phil
Topic: 1830  Message: 1834

Hello group,

I'm looking for a DRU-2 recording unit.
If anyone knows there's one for sale, please contact me by email.

Second I'm looking for a 500 or 400 hz CW filter in the 8,83 MF.
I have a 270 hz filter for swap or sale if one is interested.

Thanks in advance and take care

73, Phil
ON4VP www.2die4.be

[Non-text portions of this message have been removed]

# 1835. Autotuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-15 05:54:40 UTC
From: merckxist
Topic: 221  Message: 1835

MyTS-850 does not have the autotuner.I am curious as to the matching range, and wondering if it would be worthwhile to try to find
one.They do seem to be availiable from Pacific Parts, but are kind of pricey.
Al
KJ5GT

# 1836. Re: [TS-850_450_690] Autotuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-15 06:52:15 UTC
From: Sarge
Topic: 221  Message: 1836

merckxist wrote:
> MyTS-850 does not have the autotuner.I am curious as to the matching
> range, and wondering if it would be worthwhile to try to find
> one.They do seem to be availiable from Pacific Parts, but are kind of
> pricey. Al KJ5GT

Ya know, my 450 has one and I can say I almost never use it. I use a manual tuner and prefer it that way. You're really not missing much, IMHO. I do MARS work and the internal tuners won't do those freqs. without a mod. so I just sick with the MFJ. Maybe I'm just a knob kinda guy though.

# 1837. Re: [TS-850_450_690] Autotuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-15 12:27:53 UTC
From: Bill K0ZL
Topic: 221  Message: 1837

Mine matches G5RV to everything, incl some warc bands;
also, it will match my 20m quad loop to 40m!

bill

--- merckxist <kj5gt@...> wrote:
> MyTS-850 does not have the autotuner.I am curious as
> to the matching range, and wondering if it would be
> worthwhile to try to find
> one.They do seem to be availiable from Pacific
> Parts, but are kind of pricey.
> Al
> KJ5GT
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 1838. Re: [TS-850_450_690] Autotuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-15 14:15:57 UTC
From: Paul Manuel
Topic: 221  Message: 1838

--- merckxist <kj5gt@...> wrote:
> MyTS-850 does not have the autotuner.I am curious as to the matching
> range, and wondering if it would be worthwhile to try to find
> one.They do seem to be availiable from Pacific Parts, but are kind of
> pricey.

I cannot tell you the specific range, but in my case it seems to exceed the rated range. I am able to run it into a 9:1 balun and match any band with a 400-foot doublet fed with ladder line, even on 60 meters. But I'm not sure the tuner is worth the money, now that entire 850s are down in the $700 range (and an incredibly bargain, in my opinion.)
73,
Paul K4PDM

_____
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# 1839. Re: [TS-850_450_690] Autotuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-15 14:51:05 UTC
From: Zack Widup
Topic: 221  Message: 1839

The manual states that the ATU is capable of matching a 20 to a 150 ohm load. Mine has been able to tune a wide variety of antennas. I have even been able to tune a couple shorter antennas to the 160 meter band.

The microcontroller remembers the last settings used, so when you're on the same antenna, it automatically retunes to the last settings for that band when you change to that band. A very nice feature.

73, Zack W9SZ

On Thu, 15 Jan 2004, merckxist wrote:

> MyTS-850 does not have the autotuner.I am curious as to the matching range, and wondering if it would be worthwhile to try to find
> one.They do seem to be availiable from Pacific Parts, but are kind of pricey.
> Al
> KJ5GT

# 1840. Re: [TS-850_450_690] Autotuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-15 15:04:00 UTC
From: Zack Widup
Topic: 221  Message: 1840

Oh, I forgot to mention mine matches both a 30m and 40m antenna to the new 60m band.

Zack W9SZ

On Thu, 15 Jan 2004, Bill K0ZL wrote:

> Mine matches G5RV to everything, incl some warc bands;
> also, it will match my 20m quad loop to 40m!
>
> bill

# 1841. Re: [TS-850_450_690] Autotuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-15 15:03:41 UTC
From: Bill K0ZL
Topic: 221  Message: 1841

Tuner is almost as fast as the relay-switched ones
(such as SGC etc).

bill

--- Zack Widup <w9sz@...> wrote:
> Oh, I forgot to mention mine matches both a 30m and
> 40m antenna to the new
> 60m band.
>
> Zack W9SZ
>
>
> On Thu, 15 Jan 2004, Bill K0ZL wrote:
>
> > Mine matches G5RV to everything, incl some warc
> bands;
> > also, it will match my 20m quad loop to 40m!
> >
> > bill
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 1842. Re: CAT for my TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-15 17:15:53 UTC
From: James Newton
Topic: 1829  Message: 1842

As a starting point try the following URL which has an excellent document on interfacing:
http://www.kns.ch/sysgem/hb9drv/products.htm
This is the website of the Ham Radio Deluxe creator and guru, Simon Brown. The document was written by Peter Halpin and others. Their effort has been to develop a "universal" rig operating application [includes the TS850]for PC control.

Good luck
Jim N

--- In TS-850_450_690@yahoogroups.com, <ac7nj@d...> wrote:
> I have a Kenwood TS-850 but no cable for the computer.
>
> I'm looking for the information needed to create my own cat interface.
>
>
>
> Randy Williamson AC7NJ
>
> 129 F Street Southeast
>
> Ephrata, Washington 98823-1914
>
> (509)754-2990
>
>
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>
> [Non-text portions of this message have been removed]

# 1843. Re: Autotuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-15 17:31:22 UTC
From: Max
Topic: 221  Message: 1843

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Tuner is almost as fast as the relay-switched ones
> (such as SGC etc).
>
> bill

I use the SGC239 with my 25' vertical and the 850's internal tuner is
always faster!

Max

# 1844. Re: [TS-850_450_690] CAT for my TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-15 20:09:06 UTC
From: LA1CU Karl
Topic: 1829  Message: 1844

Hi, I'm new to the group, but I can try to contribute to it all the same. I've built an interface found in the ARRL Handbook 2003 ch 22. It's easy to build, and the handbook gives all necessary info. I've used it for 6 months now with my TS-450SAT and now with my newly bought TS-850SAT (very nice rig, by the way). Templates for pcb can be downloaded from the ARRL-site.
73's de
Karl LA1CU
----- Original Message -----
From: ac7nj@...
To: ham-radio-deluxe@yahoogroups.com
Cc: TS-850_450_690@yahoogroups.com
Sent: Wednesday, January 14, 2004 6:08 PM
Subject: [TS-850_450_690] CAT for my TS-850

I have a Kenwood TS-850 but no cable for the computer.

I'm looking for the information needed to create my own cat interface.

Randy Williamson AC7NJ

129 F Street Southeast

Ephrata, Washington 98823-1914

(509)754-2990

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 1845. Re: [TS-850_450_690] CAT for my TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-15 21:10:04 UTC
From: Bill K0ZL
Topic: 1829  Message: 1845

Thanks Karl!

bill
K0ZL

--- LA1CU Karl <la1cu@...> wrote:
> Hi, I'm new to the group, but I can try to
> contribute to it all the same. I've built an
> interface found in the ARRL Handbook 2003 ch 22.
> It's easy to build, and the handbook gives all
> necessary info. I've used it for 6 months now with
> my TS-450SAT and now with my newly bought TS-850SAT
> (very nice rig, by the way). Templates for pcb can
> be downloaded from the ARRL-site.
> 73's de
> Karl LA1CU
> ----- Original Message -----
> From: ac7nj@...
> To: ham-radio-deluxe@yahoogroups.com
> Cc: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, January 14, 2004 6:08 PM
> Subject: [TS-850_450_690] CAT for my TS-850
>
>
> I have a Kenwood TS-850 but no cable for the
> computer.
>
> I'm looking for the information needed to create
> my own cat interface.
>
>
>
> Randy Williamson AC7NJ
>
> 129 F Street Southeast
>
> Ephrata, Washington 98823-1914
>
> (509)754-2990
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>
> [Non-text portions of this message have been
> removed]
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>
> THANKS FOR USING TS-850_450_690@...
>
>
>
>
---
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an
> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been
> removed]
>
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>

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"If in doubt, MODIFY" --k0zl

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# 1846. Dead TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-17 10:31:05 UTC
From: LA1CU Karl
Topic: 1846  Message: 1846

Help!
My TS-850 SAT died suddenly last night! The only sound I ca get out of it is "UL" i morse whenever I touch a control. The display only displays dots. Does anyone have experience with this problem? Is it something I can do myself to correct this?
73's de
Karl LA1CU

[Non-text portions of this message have been removed]

# 1847. Re: Dead TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-17 11:52:49 UTC
From: Max
Topic: 1846  Message: 1847

Karl,

"UL" means an unlocked state in the PLL. Your VCO's made need a retune.

# 1848. Re: [TS-850_450_690] Dead TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-17 15:22:29 UTC
From: Bill K0ZL
Topic: 1846  Message: 1848

Could be PLL failure (there are 2) or DDS failure (4
of those). You will need to trace down which one is
creating the Unlock signal.

bill

--- LA1CU Karl <la1cu@...> wrote:
> Help!
> My TS-850 SAT died suddenly last night! The only
> sound I ca get out of it is "UL" i morse whenever I
> touch a control. The display only displays dots.
> Does anyone have experience with this problem? Is
> it something I can do myself to correct this?
> 73's de
> Karl LA1CU
>
> [Non-text portions of this message have been
> removed]
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 1849. Re: Dead TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-17 16:16:07 UTC
From: Karl
Topic: 1846  Message: 1849

Hello, I just wonder, is this a matter I will be able to fix myself without a complete copy of the service manual (the one on mods.dk is only pp 1-155).
What measurements need to be taken to establish where the fault is?
Karl LA1CU

# 1850. RE: [TS-850_450_690] Re: Dead TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-17 17:02:34 UTC
From: ac7nj@donobi.net
Topic: 1846  Message: 1850

Can anyone help with finding a copy of the complete service manual?
I would like one two

Randy Williamson AC7NJ
129 F Street Southeast
Ephrata, Washington 98823-1914
(509)754-2990

-----Original Message-----
From: Karl [mailto:la1cu@...]
Sent: Saturday, January 17, 2004 16:16
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Dead TS-850

Hello, I just wonder, is this a matter I will be able to fix myself
without a complete copy of the service manual (the one on mods.dk is
only pp 1-155).
What measurements need to be taken to establish where the fault is?
Karl LA1CU

THANKS FOR USING TS-850_450_690@...

Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to:
http://docs.yahoo.com/info/terms/

# 1851. Dead TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-17 19:19:48 UTC
From: Karl
Topic: 1846  Message: 1851

Hi all
I've been searching around a bit, and it seems my problem is a common one. It's described here: http://n6tr.jzap.com/850repair.html , a page which will be familiar to many of you, I think.
Now I'm going to start the work, and will keep you posted re progress/problems. One obvious one is that I have to learn to be familiar with SMC. (Sic!)
Karl

# 1853. 4 sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-18 08:40:12 UTC
From: Phil
Topic: 1846  Message: 1853

Hello,

I'm selling my TS850SAT rig in FB condition :

- onboard tuner
- original handmic
- 8,83 Mhz filers installed (1,8 and 270)
- inline SP31 speaker
- inline PS52 power supply
- manual
- bandselector for antennas or Icom linears installed (www.2die4.be for info)

Rig is in FB condition, look at www.2die4.be for info and pictures.

Fixed price for the line is 1300 euro's without shipping costs.
Interested, mail on4vp@...

Thanks
Phil

[Non-text portions of this message have been removed]

# 1854. Power Supply Voltege Drop

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-19 00:53:39 UTC
From: Zach
Topic: 1854  Message: 1854

I noticed that, after teying to figure out why my power output was allmost nothing at one point last night, when using my 850, that the pot on my power supply got bumped (it controls the power supply voltege. Even though I reset the pot back to where it should be, it seems the radio is still not putting out full output. I believe that it went down to about 9 to 10 volts or so. Could this be enough of a drop to do damae to the finasls? - i am surprised the radio did not shut down on me completely. Initaly I thought it was my outboard SGC tuner, but after I realized the voltege issue, i think the tuner was working correctly, and now am a bit concerned about an expencive repair bill to fix thew final stage - opps.

Thanks Zach

# 1855. Re: [TS-850_450_690] Power Supply Voltege Drop

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-19 17:26:42 UTC
From: Bill K0ZL
Topic: 1854  Message: 1855

Nope, I have run mine off dead deep-cycle batts (field
day, just kept reducing power, went off the air when
the chirp got too bad, hi!).

You sure it didn't get bumped UP?

What is the MEASURED input voltage to the rig, keyed,
full power, FM mode, into a dummy load?

I would be more suspecting of power supply damage but
not the rig.

bill

--- Zach <k7ltf@...> wrote:
> I noticed that, after teying to figure out why my
> power output was
> allmost nothing at one point last night, when using
> my 850, that the
> pot on my power supply got bumped (it controls the
> power supply
> voltege. Even though I reset the pot back to where
> it should be, it
> seems the radio is still not putting out full
> output. I believe that
> it went down to about 9 to 10 volts or so. Could
> this be enough of a
> drop to do damae to the finasls? - i am surprised
> the radio did not
> shut down on me completely. Initaly I thought it
> was my outboard SGC
> tuner, but after I realized the voltege issue, i
> think the tuner was
> working correctly, and now am a bit concerned about
> an expencive
> repair bill to fix thew final stage - opps.
>
> Thanks Zach
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 1856. Dead TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-20 18:53:45 UTC
From: Karl
Topic: 1846  Message: 1856

Hi all,
Referring to my last posts re this matter, I've done some
measurements on the PLL-board.
TP1 (close to the side of the VCO-coil compartment. I have only a
part of the SM, so I don't have the PCB-layouts):
30kHz 1.896V
7.499 MHz 1.892V
7.5MHz 1.882V
14.499MHz 1.876V
14.500MHz 1.883V
21.499MHz 1.876V
21.500MHz 1.881V
30MHz 1.875V
The measurements are made with a Fluke75 DMM, and the boards on top
of the PLL-board neatly put aside, but still connected.
The reaction of the xcvr is the same: When turning the main tuning
dial ther is normal reading on the display; when still UL in morse,
then only dots.
I would have an opinion as to where the fault is. I was searching
around, and finding the N6TR TS-850 Repair page that stated this
problem as probably emerging from a faulty DDS chip at the CAR-board.
Looking at this board I find that ICs 2, 3 & 4 have been exchanged
with the newer YM66312, but IC1 is still the original YM6631.

# 1857. queston

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-21 00:21:15 UTC
From: jimmy keffer
Topic: 1857  Message: 1857

how do u change the baud rate from 4800 on the ts-850s this is for friend of mine thanks jimmy ka3vgm

# 1858. PSK32 mode- rig running alittle too hot?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-21 05:37:04 UTC
From: Carl K6ZXU
Topic: 1858  Message: 1858

How do I set the mic level when I tx on my TS-450S? I was running PSK and after tx for about 5 min then I went back to rx mode, and the cooling fan on my rig was still running !! Was the final amp section getting too hot? I turn up the mic gain (feeding the output of the sound card on my computer to the mic connection of my TS-450S via SignaLink SL-1+) to about 1/2 fall scale on the ALC meter peaking about 50 Watts. Was eather the mic gain and/or the rf power set too high for PSK. I never had the fan running so long in CW or SSB modes. What is the function of ALC and what should the ALC meter reading be in the PSK mode, is 50 Watts too much power??
73, Carl K6ZXU

# 1859. Re: PSK32 mode- rig running alittle too hot?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-21 12:12:01 UTC
From: Max
Topic: 1858  Message: 1859

Carl,

Here is what I do when using PSK on my 850...

I set the mic gain to where it normal is when using the mic on SSB, this is normally around the 9 o'clock position. Then when using PSK I back the power control down to 25W, you shouldn't need much more than that on PSK. Then I slightly readjust my mic gain while watching the ALC meter to make sure it doesn't go over the max level. This assures a good clean signal, I am usually around -30 IMD on the other end. If you run excessive power or overdrive the signal (too high a level going into the rig from the computer) or too high a mic gain setting, these guys are pretty easy to spot because all they do is wipe out everyone else on the band.

If you have a dummy load use it to find the appropriate settings and then write them down. Normally if you have everything set up correctly, you shouldn't have to change your mic settings no matter what mode you are using.

Max

# 1860. Re: PSK32 mode- rig running alittle too hot?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-21 17:21:53 UTC
From: smatda
Topic: 1858  Message: 1860

I don't run *any* ALC when I'm on digital.

I turn the power all the way up and turn down the CAR (I run FSK mode) until there is no reading on the ALC meter whatsoever and stop. If you go too far, the power then begins to drop.

Invariably, that puts me between 40 and 60 watts output with nothing showing on the ALC. It's touchy and takes some practice, but I suppose you can do the same thing on AFSK.

I have noticed too, that the 450 fans run. But don't worry, mine's been a digital horse for 7 years now and still earns it's keep!

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> Carl,
>
> Here is what I do when using PSK on my 850...
>
> I set the mic gain to where it normal is when using the mic on SSB,
> this is normally around the 9 o'clock position. Then when using
PSK
> I back the power control down to 25W, you shouldn't need much more
> than that on PSK. Then I slightly readjust my mic gain while
> watching the ALC meter to make sure it doesn't go over the max
> level. This assures a good clean signal, I am usually around -30
> IMD on the other end. If you run excessive power or overdrive the
> signal (too high a level going into the rig from the computer) or
> too high a mic gain setting, these guys are pretty easy to spot
> because all they do is wipe out everyone else on the band.
>
> If you have a dummy load use it to find the appropriate settings
and
> then write them down. Normally if you have everything set up
> correctly, you shouldn't have to change your mic settings no matter
> what mode you are using.
>
> Max

# 1861. Re: [TS-850_450_690] PSK32 mode- rig running alittle too hot?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-21 18:38:40 UTC
From: Bill K0ZL
Topic: 1858  Message: 1861

Most guys on PSK are running 25 watts or less.

You should not be seeing ALC indication at all on PSK.

Adjust the audio level to the rig to result in 5 watt
or so output. Try the low power first; you may be
surprised at how much you can work QRP.

Bill

--- Carl K6ZXU <carlsjc95125@...> wrote:
> How do I set the mic level when I tx on my TS-450S?
> I was running PSK
> and after tx for about 5 min then I went back to rx
> mode, and the
> cooling fan on my rig was still running !! Was the
> final amp section
> getting too hot? I turn up the mic gain (feeding
> the output of the
> sound card on my computer to the mic connection of
> my TS-450S via
> SignaLink SL-1+) to about 1/2 fall scale on the ALC
> meter peaking
> about 50 Watts. Was eather the mic gain and/or the
> rf power set too
> high for PSK. I never had the fan running so long
> in CW or SSB modes.
> What is the function of ALC and what should the ALC
> meter reading be
> in the PSK mode, is 50 Watts too much power??
> 73, Carl K6ZXU
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 1862. Re: Filter Question : YK-455C-1 vs YG-455C-1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-21 21:39:43 UTC
From: rsakabu
Topic: 1800  Message: 1862

--- In TS-850_450_690@yahoogroups.com, "Dave" <davef1@s...> wrote:
> Looks like I'll want to get a CW filter for 8.83 sometime too.
>
> Back to my original questions though. What is the difference between
> K and G? There seem to be older YK-455C-1 filters, while the newer
> ones are YG-455C-1. These are both 500Hz filters for the 455 IF. I
> am getting a YK-455C-1, and wonder what the downside is. (If there is
> one.) I figured someone who's been following kenwoods for a while
> might know.
>
> Anyway, thanks for all the filter info,
>
> 73,
> Dave
> KC2KMS

Dave,
As far as I can see, the YK filter element (can) is quite a bit smaller than the YG and it has several external components to the can, two tuning cans (looks like an inductor) and a couple of capacitors on each side. The size leads me to believe that the YK filter has fewer crystal elements in it and subsequently fewer poles and a poorer shape factor than the YG filter. Seeing that the list price of the YK is quite a bit less ($114 vs $169) also leads me to think that the YG filter is the better performer. How much better? You may not even know unless you have both and do an A/B test.

Bottom line, try it and if it works, be happy with it.

73
Roy
AD6ZU

# 1863. Re: Filter Question : YK-455C-1 vs YG-455C-1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-22 03:27:19 UTC
From: smatda
Topic: 1800  Message: 1863

I was just browsing around in the backwaters of the Kenwood USA site
and came across a table comparing the different filters. I have
posted it in the "Files" section for everyone to use (it's
called "Filter Specifications"). According to it there is no
performance difference in a YK-455C-1 and it's G equivalent.

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "rsakabu" <rsakabu@p...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "Dave" <davef1@s...> wrote:
> > Looks like I'll want to get a CW filter for 8.83 sometime too.
> >
> > Back to my original questions though. What is the difference
between
> > K and G? There seem to be older YK-455C-1 filters, while the
newer
> > ones are YG-455C-1. These are both 500Hz filters for the 455
IF. I
> > am getting a YK-455C-1, and wonder what the downside is. (If
there is
> > one.) I figured someone who's been following kenwoods for a while
> > might know.
> >
> > Anyway, thanks for all the filter info,
> >
> > 73,
> > Dave
> > KC2KMS
>
> Dave,
> As far as I can see, the YK filter element (can) is quite a bit
> smaller than the YG and it has several external components to the
can,
> two tuning cans (looks like an inductor) and a couple of capacitors
on
> each side. The size leads me to believe that the YK filter has
fewer
> crystal elements in it and subsequently fewer poles and a poorer
shape
> factor than the YG filter. Seeing that the list price of the YK is
> quite a bit less ($114 vs $169) also leads me to think that the YG
> filter is the better performer. How much better? You may not even
> know unless you have both and do an A/B test.
>
> Bottom line, try it and if it works, be happy with it.

>
> 73
> Roy
> AD6ZU

# 1864. Re: Filter Specifications File Posting

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-22 19:59:05 UTC
From: K9OR
Topic: 1800  Message: 1864

Thanks Steve,

Note that there's a typo - YK-88CN-1 is a 270hz bandwidth filter with
center frequency of 8830.0kHz.

73 Randy K9OR

> ...came across a table comparing the different filters. I have
> posted it in the "Files" section for everyone to use (it's
> called "Filter Specifications").

# 1865. keep my 450SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-22 21:22:32 UTC
From: wmwiese
Topic: 1865  Message: 1865

Hi all,

I've been on a hiatus from HF for quite some time now (was both space and time-challenged). I bought a nice (used) 450SAT but since purchase it's been shelfbound.

Now that I have time & a place for a shack, should I keep the 450SAT? Or "upgrade" - I do have a fondness for (horrors!) the Yaesu FT920, esp since I like larger rigs (big hands).

Comments from anyone that's used both 450 and 920 rigs esp welcome, esp w/respect to RX performance.

TNX DE BILL N6AOT

# 1866. Re: keep my 450SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-22 23:35:21 UTC
From: Max
Topic: 1865  Message: 1866

Bill,

As a previous owner of a 450 and a 920, I will offer my opinions. The 920 is a nice radio, a little big, but loaded with features. I an not a fan of audio DSP however and on the 920 it pretty much acts like a high and low tone control. For it's size it should come equipped with a built in AC supply. If you are planning on upgrading, get yourself a used, late serial number 850. Although they lack 6m and DSP, the slope tune works just like an IF DSP if used right. To give you an example, I can tune the IF bandwidth down on my 850 to 100 hz for PSK mode. A strong station just outside the pass band will not be any trouble. On the 920, with AF DSP, although you may not hear him, he is still showing on the meter, making copy of the weaker station difficult. I sold my 450 when I bought my first 850 and foolishly traded it away for the 920. I didn't keep it long and traded it for a 570 and am now back with another 850. I will not get rid of this one, except for an 870 or 950. As you can tell I like Kenwood. Used 850's are going for anywhere from $700-900 depending on accessories and age. If you don't mind not having 6m, I think you will be happy with the 850. Even though they debuted (sp??) in 1991, they still have one of the best receivers out made for the amateur market.

Max

# 1867. Re: [TS-850_450_690] keep my 450SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-23 00:45:26 UTC
From: Bill K0ZL
Topic: 1865  Message: 1867

You will want the big brother, the TS-850.. going for
less than 900 these days, with tuner.

b

--- wmwiese <wmwiese@...> wrote:
> Hi all,
>
> I've been on a hiatus from HF for quite some time
> now (was both space
> and time-challenged). I bought a nice (used) 450SAT
> but since
> purchase it's been shelfbound.
>
> Now that I have time & a place for a shack, should I
> keep the 450SAT?
> Or "upgrade" - I do have a fondness for (horrors!)
> the Yaesu FT920,
> esp since I like larger rigs (big hands).
>
> Comments from anyone that's used both 450 and 920
> rigs esp welcome,
> esp w/respect to RX performance.
>
> TNX DE BILL N6AOT
>
>
>
>

=====

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# 1868. For Sale: AT-250 Kenwood tuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-23 16:44:05 UTC
From: wolobmp
Topic: 1868  Message: 1868

For sale in excellent inside and outside condition. Comes with power cord and all other control cables. Price is $200 shipped and accept paypal and or postal money order. Please no trades or COD's. email questions too wolobmp@... and thanks for reading...Mike

# 1869. Re: keep my 450SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-23 17:24:46 UTC
From: Bill, K5LK
Topic: 1865  Message: 1869

If you are an occassional user, the 450 is fine. If you want to work many modes including digital on a more regular basis, the 850 is the way to go. I have had both and the 850 is really a nice workhorse and has room for the "larger hands".

The uprgrade would probably cost you about $200-$500 depending on the deals you can find. 850's are rountinely available on www.eham.net and similar sites. Some at a very good price. I would NOT play the ebay game.

Bill, K5LK

--- In TS-850_450_690@yahoogroups.com, "wmwiese" <wmwiese@y...> wrote:
> Hi all,
>
> I've been on a hiatus from HF for quite some time now (was both space
> and time-challenged). I bought a nice (used) 450SAT but since
> purchase it's been shelfbound.
>
> Now that I have time & a place for a shack, should I keep the 450SAT?
> Or "upgrade" - I do have a fondness for (horrors!) the Yaesu FT920,
> esp since I like larger rigs (big hands).
>
> Comments from anyone that's used both 450 and 920 rigs esp welcome,
> esp w/respect to RX performance.
>
> TNX DE BILL N6AOT

# 1870. Re: [TS-850_450_690] keep my 450SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-23 16:01:44 UTC
From: bob murphy
Topic: 1865  Message: 1870

have to agree with the other replies ---the receive on a 850 way superior than the 920

also i believe 6mtr.on the 920 not great

regards .
B.

wmwiese <wmwiese@...> wrote:
Hi all,

I've been on a hiatus from HF for quite some time now (was both space
and time-challenged). I bought a nice (used) 450SAT but since
purchase it's been shelfbound.

Now that I have time & a place for a shack, should I keep the 450SAT?
Or "upgrade" - I do have a fondness for (horrors!) the Yaesu FT920,
esp since I like larger rigs (big hands).

Comments from anyone that's used both 450 and 920 rigs esp welcome,
esp w/respect to RX performance.

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# 1871. Re: [TS-850_450_690] Re: keep my 450SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-23 21:00:44 UTC
From: Zack Widup
Topic: 1865  Message: 1871

I bought my 850 from a seller on www.eham.net. It arrived in brand-new, unused condition, has the auto-tuner and keyer memory unit. I paid $900 for it. I consider I got a good deal.

Sometimes things on eBay go for way too much money. You might end up getting a deal, though. I picked up a Radio Shack HTX-100 for $55 on eBay.

Good luck!

73, Zack W9SZ

On Fri, 23 Jan 2004, Bill, K5LK wrote:

> If you are an occassional user, the 450 is fine. If you want to work
> many modes including digital on a more regular basis, the 850 is the
> way to go. I have had both and the 850 is really a nice workhorse
> and has room for the "larger hands".
>
> The uprgrade would probably cost you about $200-$500 depending on
> the deals you can find. 850's are rountinely available on
> www.eham.net and similar sites. Some at a very good price. I would
> NOT play the ebay game.
>
> Bill, K5LK
>

# 1872. Re: [TS-850_450_690] Re: keep my 450SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-24 00:41:00 UTC
From: Paul Manuel
Topic: 1865  Message: 1872

--- Zack Widup <w9sz@...> wrote:
> I bought my 850 from a seller on www.eham.net. It arrived in brand-new,
> unused condition, has the auto-tuner and keyer memory unit. I paid $900
> for it. I consider I got a good deal.

Zack,
Just so the price doesn't scare anyone, I bought mine for $875 a couple of years ago from a dealer, with warranty and return privilege. The asking price on the swap pages seems to be about $700 now.
73,
Paul K4PDM

_____
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# 1873. Re: [TS-850_450_690] keep my 450SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-23 22:28:51 UTC
From: James Skupien
Topic: 1865  Message: 1873

Hello Gents,

I have owned two FT-920's that were pretty good radios, the front end is WAY to hot so operating with the IPO on was the only way to work. I now own and have owned in the past the TS-850S. The receiver in the 850 is almost bullet proof! the ability to add filters in the 850 is great and the only filter for the FT920 is the AM filter and the CW filter. Granted the 850 is older ,it is really hard to find a better sounding and performing receiver..... BTY the FT-920 was the Best 6 meter radio I ever owned. That radio out performed my 756PRO and my TS-2000 ( ON 6 METERS ONLY) and Im not bs'ing you

cheers

jim aa9nn
----- Original Message -----
From: bob murphy<mailto:bob29ww553@...>
To: TS-850_450_690@yahoogroups.com<mailto:TS-850_450_690@yahoogroups.com>
Sent: Friday, January 23, 2004 10:01 AM
Subject: Re: [TS-850_450_690] keep my 450SAT?

have to agree with the other replies ---the receive on a 850 way superior than the 920

also i believe 6mtr.on the 920 not great

regards .
B.

wmwiese <wmwiese@...<mailto:wmwiese@...>> wrote:
Hi all,

I've been on a hiatus from HF for quite some time now (was both space
and time-challenged). I bought a nice (used) 450SAT but since
purchase it's been shelfbound.

Now that I have time & a place for a shack, should I keep the 450SAT?
Or "upgrade" - I do have a fondness for (horrors!) the Yaesu FT920,
esp since I like larger rigs (big hands).

Comments from anyone that's used both 450 and 920 rigs esp welcome,
esp w/respect to RX performance.

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# 1874. Re: [TS-850_450_690] Re: keep my 450SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-24 14:24:31 UTC
From: Bill K0ZL
Topic: 1865  Message: 1874

900 is half of what I paid... in 1995!! so it's
really like 25 percent now I guess with inflation.

Congrats on a great deal.

On ebay: You bid what you are willing to pay, max...
then LEAVE IT. No second thoughts unless you GOTTA
have it. Then, the "proxy bid" machine that's built
into eBay will only let you pay what you have to, to
win the auction; up to your max. Someone else wants it
worse, they get it. Good old supply and demand.

On vintage stuff, figure it's going up every day... so
the Battleship Extra Boatanchor Transmitter you see
today going for 400 bux, will probably go for 450 or
800 or 1600 or whatever the demand says, next year. So
if you want it, best buy it now, bid SLIGHTLY higher
than the last sale, and sit back.

bill
--- Zack Widup <w9sz@...> wrote:
> I bought my 850 from a seller on www.eham.net. It
> arrived in brand-new,
> unused condition, has the auto-tuner and keyer
> memory unit. I paid $900
> for it. I consider I got a good deal.
>
> Sometimes things on eBay go for way too much money.
> You might end up
> getting a deal, though. I picked up a Radio Shack
> HTX-100 for $55 on
> eBay.
>
> Good luck!
>
> 73, Zack W9SZ
>
>
> On Fri, 23 Jan 2004, Bill, K5LK wrote:
>
> > If you are an occassional user, the 450 is fine.
> If you want to work
> > many modes including digital on a more regular
> basis, the 850 is the
> > way to go. I have had both and the 850 is really a
> nice workhorse

> > and has room for the "larger hands".
> >
> > The uprgrade would probably cost you about
> $200-$500 depending on
> > the deals you can find. 850's are rountinely
> available on
> > www.eham.net and similar sites. Some at a very
> good price. I would
> > NOT play the ebay game.
> >
> > Bill, K5LK
> >
>
>

=====

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# 1875. Re: [TS-850_450_690] Re: keep my 450SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-24 14:43:46 UTC
From: Paul Manuel
Topic: 1865  Message: 1875

--- Bill wrote:
> On vintage stuff, figure it's going up every day

That's one of the problems with ebay. Formerly, hams valued rigs by performance, not age.

---Zack wrote:
> > > > You might end up getting a deal, though. I picked up a Radio Shack
> > HTX-100 for $55 on eBay.

Another example. I sold an HTX-100 at a hamfest for $50, and sold a mint, never used HTX-10 on one of the swap sites for $50. I see HTX-100s at hamfests all the time for $35. The ICOM 2 meter rigs that the other gentleman bought for $100 each have no warranty.

I am not saying that there are no good deals on ebay. But there are lots of rip-offs and tons of so-so deals, and the whole atmosphere is very un-hamlike.

73,
Paul K4PDM

_____
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# 1876. TOP BAND

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-26 12:50:50 UTC
From: george
Topic: 1876  Message: 1876

I have a ts850 and on top band it will only tx between 1.830 and
1.850 so I can not use all top band in uk
Is there a way to change this or is it a fault
Regards George G0MIT

# 1877. Re: [TS-850_450_690] TOP BAND

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-26 13:47:49 UTC
From: Bill K0ZL
Topic: 1876  Message: 1877

That's a new one! Is it receiving OK elsewhere in 160?

b

--- george <g.bromfield@...> wrote:
> I have a ts850 and on top band it will only tx
> between 1.830 and
> 1.850 so I can not use all top band in uk
> Is there a way to change this or is it a fault
> Regards George G0MIT
>
>

=====

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# 1878. Re: [TS-850_450_690] TOP BAND

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-26 14:03:24 UTC
From: george
Topic: 1876  Message: 1878

Hi Bill it will receive no problem it just will not tx
Regards George
----- Original Message -----
From: Bill K0ZL
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 26, 2004 1:47 PM
Subject: Re: [TS-850_450_690] TOP BAND

That's a new one! Is it receiving OK elsewhere in 160?

b

--- george <g.bromfield@...> wrote:
> I have a ts850 and on top band it will only tx
> between 1.830 and
> 1.850 so I can not use all top band in uk
> Is there a way to change this or is it a fault
> Regards George G0MIT
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 1879. Re: [TS-850_450_690] TOP BAND

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-26 14:10:51 UTC
From: Bill K0ZL
Topic: 1876  Message: 1879

When you say it won't transmit, are you saying it will
not go into transmit mode (red LED on front), or it
will not put out power? If the latter, what mode are
you trying?

b

--- george <g.bromfield@...> wrote:
> Hi Bill it will receive no problem it just will not
> tx
> Regards George
> ----- Original Message -----
> From: Bill K0ZL
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, January 26, 2004 1:47 PM
> Subject: Re: [TS-850_450_690] TOP BAND
>
>
> That's a new one! Is it receiving OK elsewhere in
> 160?
>
> b
>
> --- george <g.bromfield@...> wrote:
> > I have a ts850 and on top band it will only tx
> > between 1.830 and
> > 1.850 so I can not use all top band in uk
> > Is there a way to change this or is it a fault
> > Regards George G0MIT
> >
> >
>
>
> =====
>
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> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an
> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 1880. Re: TOP BAND

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-26 15:01:27 UTC
From: Max
Topic: 1876  Message: 1880

Is it possible there is a UK version of the rig with transmit limits?

# 1881. Re: [TS-850_450_690] Re: TOP BAND

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-26 15:38:06 UTC
From: Bill K0ZL
Topic: 1876  Message: 1881

Possibly but I have not heard. In that case the
MARS/CAP/60M mod should do the trick.

b

--- Max <ve3tmt@...> wrote:
> Is it possible there is a UK version of the rig with
> transmit limits?
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 1882. Re: [TS-850_450_690] TOP BAND

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-26 16:45:15 UTC
From: george
Topic: 1876  Message: 1882

Hi Bill I don't want to mode radio it has just not transmitted since I have had the radio I purchased it seconhand About 5 years ago The led will not come on and there is no power out on all mods

Regards George
----- Original Message -----
From: Bill K0ZL
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 26, 2004 2:10 PM
Subject: Re: [TS-850_450_690] TOP BAND

When you say it won't transmit, are you saying it will
not go into transmit mode (red LED on front), or it
will not put out power? If the latter, what mode are
you trying?

b

--- george <g.bromfield@...> wrote:
> Hi Bill it will receive no problem it just will not
> tx
> Regards George
> ----- Original Message -----
> From: Bill K0ZL
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, January 26, 2004 1:47 PM
> Subject: Re: [TS-850_450_690] TOP BAND
>
>
> That's a new one! Is it receiving OK elsewhere in
> 160?
>
> b
>
> --- george <g.bromfield@...> wrote:
> > I have a ts850 and on top band it will only tx
> > between 1.830 and
> > 1.850 so I can not use all top band in uk
> > Is there a way to change this or is it a fault
> > Regards George G0MIT
> >
> >
>
>
> =====
>

> "If in doubt, MODIFY" --k0zl
>
> Need a tech? See our website
> www.amateur-repairs.com
>
>
>
>
> _____________________________
> Do you Yahoo!?
> Yahoo! SiteBuilder - Free web site building tool.
> Try it!
> http://webhosting.yahoo.com/ps/sb/
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
>
---
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an
> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====

"If in doubt, MODIFY" --k0zl

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_____________________________
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THANKS FOR USING TS-850_450_690@...

---

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 1883. Re: [TS-850_450_690] TOP BAND

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-26 17:18:53 UTC
From: Bill K0ZL
Topic: 1876  Message: 1883

George it sounds to me like it's got a wierd diode
matrix for some DX country to limit operations on 160.

bill

--- george <g.bromfield@...> wrote:
> Hi Bill I don't want to mode radio it has just not
> transmitted since I have had the radio I purchased
> it seconhand About 5 years ago The led will not come
> on and there is no power out on all mods
>
> Regards George
> ----- Original Message -----
> From: Bill K0ZL
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, January 26, 2004 2:10 PM
> Subject: Re: [TS-850_450_690] TOP BAND
>
>
> When you say it won't transmit, are you saying it
> will
> not go into transmit mode (red LED on front), or
> it
> will not put out power? If the latter, what mode
> are
> you trying?
>
> b
>
> --- george <g.bromfield@...> wrote:
> > Hi Bill it will receive no problem it just will
> not
> > tx
> > Regards George
> > ----- Original Message -----
> > From: Bill K0ZL
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Monday, January 26, 2004 1:47 PM
> > Subject: Re: [TS-850_450_690] TOP BAND
> >
> >
> > That's a new one! Is it receiving OK elsewhere
> in
> > 160?
> >

> > b
> >
> > --- george <g.bromfield@...> wrote:
> > > I have a ts850 and on top band it will only
> tx
> > > between 1.830 and
> > > 1.850 so I can not use all top band in uk
> > > Is there a way to change this or is it a
> fault
> > > Regards George G0MIT
> > >
> > >
> >
> >
> > =====
> >
> > "If in doubt, MODIFY" --k0zl
> >
> > Need a tech? See our website
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> >
> >
> >
> > _____________________________________
> > Do you Yahoo!?
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> tool.
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> >
> >
> > THANKS FOR USING
> TS-850_450_690@...
> >
> >
> >
> >
>
>
---
> > Yahoo! Groups Links
> >
> > a.. To visit your group on the web, go to:
> >
> http://groups.yahoo.com/group/TS-850_450_690/
> >
> > b.. To unsubscribe from this group, send an
> > email to:
> > TS-850_450_690-unsubscribe@yahoogroups.com

> >
> > c.. Your use of Yahoo! Groups is subject to
> the
> > Yahoo! Terms of Service.
> >
> >
> >
> > [Non-text portions of this message have been
> > removed]
> >
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>
> =====
>
> "If in doubt, MODIFY" --k0zl
>
> Need a tech? See our website
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> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
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> THANKS FOR USING TS-850_450_690@...
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> Yahoo! Groups Links
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> email to:
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>

> [Non-text portions of this message have been
> removed]
>
>

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"If in doubt, MODIFY" --k0zl

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_____
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# 1884. Re: [TS-850_450_690] Re: TOP BAND

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-26 18:18:36 UTC
From: kgshutt
Topic: 1876  Message: 1884

There is a mod which I installed to work the 60 meter band. It involves moving one diode. This should fix the problem if it is a part of a UK version.

Ken

----- Original Message -----
From: Max
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 26, 2004 9:01 AM
Subject: [TS-850_450_690] Re: TOP BAND

Is it possible there is a UK version of the rig with transmit limits?

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c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 1885. 690 in Storage

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-26 19:54:17 UTC
From: Phono-Guy
Topic: 1885  Message: 1885

Hi All,

I have a 690S that is brand new, but has been unsused in storage for 7 years, before I fire up this rig is there anything I should watch out for?

73,

Clint

---
Do you Yahoo!?
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[Non-text portions of this message have been removed]

# 1886. Re: [TS-850_450_690] 690 in Storage

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-26 21:18:11 UTC
From: Bill K0ZL
Topic: 1885  Message: 1886

Nope, go for it.

Bill

--- Phono-Guy <taephono@...> wrote:
>
> Hi All,
>
> I have a 690S that is brand new, but has been
> unsused in storage for 7 years, before I fire up
> this rig is there anything I should watch out for?
>
>
>
> 73,
>
> Clint
>
>
>
> ---------------------------------
> Do you Yahoo!?
> Yahoo! SiteBuilder - Free web site building tool.
> Try it!
>
> [Non-text portions of this message have been
> removed]
>
>

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"If in doubt, MODIFY" --k0zl

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# 1887. Re: 690 in Storage

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-26 21:45:19 UTC
From: Max
Topic: 1885  Message: 1887

--- In TS-850_450_690@yahoogroups.com, Phono-Guy <taephono@y...>
wrote:
>
> Hi All,
>
> I have a 690S that is brand new, but has been unsused in storage
for 7 years, before I fire up this rig is there anything I should
watch out for?

Squirrels :)

# 1888. Re: [TS-850_450_690] 690 in Storage

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-27 00:01:27 UTC
From: Sarge
Topic: 1885  Message: 1888

> Hi All,
>
> I have a 690S that is brand new, but has been unsused in storage for 7 years, before I fire up this rig is there anything I should watch out for?

is the power cord in good shape? is it clean inside? any of those big old wood roaches in it? check the expiration date, does it smell ok? oh wait, thats for milk.
shoot, fire it up, lets hear it..... :0)

# 1889. FOR SALE KENWOOD 2 METER RADIO--70 WATTS

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-27 01:07:24 UTC
From: bigdog90692
Topic: 1889  Message: 1889

I HAVE A KENWOOD 2 METER RADIO MOBILE OR BASE, MODEL 2570. THIS IS THE 70 WATT VERSION. IT COMES WITH THE MANUAL, POWER CORD, MIKE AND MOUNTING BRACKET. GREAT CONDITION. $150 PLUS SHIPPING TO CONUS.

SCOTT N6RRV@...

# 1890. Wanted! DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-27 02:44:41 UTC
From: aa9nn
Topic: 1890  Message: 1890

Hello Gents,
wanted a DSP-100 for my TS-850.

I know they are in demand.
Thanks
Jim

aa9nn@...

# 1891. Re: [TS-850_450_690] Wanted! DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-27 12:02:15 UTC
From: Eric
Topic: 1890  Message: 1891

watch epay, I mean ebay. that is about the best place to spot available
units. GET THE WALLET OUT TOO.

Eric

----- Original Message -----
From: "aa9nn" <aa9nn@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, January 26, 2004 8:44 PM
Subject: [TS-850_450_690] Wanted! DSP-100

> Hello Gents,
> wanted a DSP-100 for my TS-850.
>
> I know they are in demand.
> Thanks
> Jim
>
> aa9nn@...
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
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> TS-850_450_690-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to:
> http://docs.yahoo.com/info/terms/
>
>

# 1892. Re: [TS-850_450_690] Wanted! DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-27 13:06:42 UTC
From: Kb8viv@aol.com
Topic: 1890  Message: 1892

In a message dated 1/27/04 4:04:24 AM Pacific Standard Time,
mulder@... writes:
watch epay, I mean ebay. that is about the best place to spot available
units. GET THE WALLET OUT TOO.

Eric
Eric, I was fortunate enough to find a barely used/like new one sitting at a
ham store in Texas..$250...The guy didn't know what he had..Be prepared to
spend $500-$600 for a nice one..Do what I did...get on the net and email every
ham radio store you can find and ask them if they have a used one laying
around...worked for me..good luck.

kb8viv
steve

[Non-text portions of this message have been removed]

# 1893. Re: Unused TS690S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-27 15:20:32 UTC
From: Phono-Guy
Topic: 1893  Message: 1893

Still in the plastic wrap so I doubt any lizards, roaches or geckos are inside, but I'll check before I ignite the rig.

Thanks all for your replies,

73,

Clint

Message: 13
Date: Mon, 26 Jan 2004 18:01:27 -0600
From: "Sarge"
Subject: Re: 690 in Storage

> Hi All,
>
> I have a 690S that is brand new, but has been unsused in storage for 7 years, before I fire up this rig is there anything I should watch out for?

is the power cord in good shape? is it clean inside? any of those big old wood roaches in it? check the expiration date, does it smell ok? oh wait, thats for milk.
shoot, fire it up, lets hear it..... :0)

---
Do you Yahoo!?
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[Non-text portions of this message have been removed]

# 1894. Re: [TS-850_450_690] Re: Unused TS690S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-27 18:27:44 UTC
From: Bill K0ZL
Topic: 1893  Message: 1894

NO GECKOS? darn.

--- Phono-Guy <taephono@...> wrote:
>
>
> Still in the plastic wrap so I doubt any lizards,
> roaches or geckos are inside, but I'll check before
> I ignite the rig.
>
> Thanks all for your replies,
>
> 73,
>
> Clint
>
>
> Message: 13
> Date: Mon, 26 Jan 2004 18:01:27 -0600
> From: "Sarge"
> Subject: Re: 690 in Storage
>
>
> > Hi All,
> >
> > I have a 690S that is brand new, but has been
> unsused in storage for 7
> years, before I fire up this rig is there anything I
> should watch out for?
>
> is the power cord in good shape? is it clean inside?
> any of those big old
> wood roaches in it? check the expiration date, does
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> thats for milk.
> shoot, fire it up, lets hear it..... :0)
>
>
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>
>
>
> ---------------------------------
> Do you Yahoo!?
> Yahoo! SiteBuilder - Free web site building tool.
> Try it!
>

> [Non-text portions of this message have been
> removed]
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 1895. Re: [TS-850_450_690] Wanted! DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-27 22:28:02 UTC
From: Eric
Topic: 1890  Message: 1895

You are lucky Steve. I recall reading your post not too long ago about that. I know I have ham friends who use to see them used all of the time at AES Milwaukee. Same goes for Johnson Matchbox units at Hamfests.

About the dsp 100. Have you been using it? As stock or hidden audio? I believe the unit is worth the money, even today's prices. The dsp works very good on receive, but I have not messed with any audio as of yet.

Eric

----- Original Message -----
From: <Kb8viv@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, January 27, 2004 7:06 AM
Subject: Re: [TS-850_450_690] Wanted! DSP-100

> In a message dated 1/27/04 4:04:24 AM Pacific Standard Time,
> mulder@... writes:
> watch epay, I mean ebay. that is about the best place to spot available
> units. GET THE WALLET OUT TOO.
>
> Eric
> Eric, I was fortunate enough to find a barely used/like new one sitting at
a
> ham store in Texas..$250...The guy didn't know what he had..Be prepared to
> spend $500-$600 for a nice one..Do what I did...get on the net and email
every
> ham radio store you can find and ask them if they have a used one laying
> around...worked for me..good luck.
>
> kb8viv
> steve
>
>
> [Non-text portions of this message have been removed]
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com

>
> Your use of Yahoo! Groups is subject to:
> http://docs.yahoo.com/info/terms/
>
>

# 1896. 450s filter confusion

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-27 21:53:35 UTC
From: hahollme
Topic: 1896  Message: 1896

Hi!

Sorry for all the stupid questions, but I'm totally confused abot filter setups of my Ts-450.

My setup:
- yg-445c-1 cw (455/500)
- yk-88c-1 cw (8830/500)
- yk-88sn-1 ssb (8830/1.8)

The cw's are easy. Both controls to 500 and you can really hear the difference.

But what about the ssb then? I've been keeping both controls at 2.4 Is this the best setting? At least it is to my ear. :)

What if I want to improve ssb more? I guess I have to part from one of the cw filters then as 450 can only take 3 accessory filters.

Ok... as you can all see, some kind of filter crash course would sure come handy :)

Best,
Hannu

# 1897. Re: [TS-850_450_690] 450s filter confusion

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-28 03:00:16 UTC
From: Bill K0ZL
Topic: 1896  Message: 1897

Leave it.

The 2.4 actually selects the 1.8, too bad you can't
the label under the 8.8 column to read 1.8

CW is fine. Enjoy your rig!

b

--- hahollme <hannu.hollmen@...> wrote:
> Hi!
>
> Sorry for all the stupid questions, but I'm totally
> confused abot filter setups of my Ts-450.
>
> My setup:
> - yg-445c-1 cw (455/500)
> - yk-88c-1 cw (8830/500)
> - yk-88sn-1 ssb (8830/1.8)
>
> The cw's are easy. Both controls to 500 and you can
> really hear the difference.
>
> But what about the ssb then? I've been keeping both
> controls at 2.4 Is this the best setting? At least
> it is to my ear. :)
>
> What if I want to improve ssb more? I guess I have
> to part from one of the cw filters then as 450 can
> only take 3 accessory filters.
>
> Ok... as you can all see, some kind of filter crash
> course would sure come handy :)
>
> Best,
> Hannu
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 1898. Re: [TS-850_450_690] Wanted! DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-28 15:11:05 UTC
From: Kb8viv@aol.com
Topic: 1890  Message: 1898

In a message dated 1/27/04 5:32:04 PM Pacific Standard Time,
mulder@... writes:
You are lucky Steve. I recall reading your post not too long ago about
that. I know I have ham friends who use to see them used all of the time at
AES Milwaukee. Same goes for Johnson Matchbox units at Hamfests.

About the dsp 100. Have you been using it? As stock or hidden audio? I
believe the unit is worth the money, even today's prices. The dsp works
very good on receive, but I have not messed with any audio as of yet.

Eric
Hi Eric. I have been using it..been told it makes a little difference on
transmitted audio..on receive, to be honest with you, its effects are
negligable..barely noticable..I have better results with my outboard timewave dsp-9 which
only works in the audio section.

I bought it with the intent of getting a ts850 (have a 450 now) and outboard
audio processing gear..I did get a behringer preamp and eq but am having a
tough time getting good sounding audio out of it using my heil goldline pro
mic..there is almost "too much" adjustability in the behringer dsp1124 eq which
makes it very tough to get a good program ...oh well...I would say it's only
worth getting the dsp-100 if you are going to use it in conjunction with the
ts850. That combination is pretty powerful...

Steve
kb8viv

[Non-text portions of this message have been removed]

# 1899. Re: [TS-850_450_690] Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-29 08:07:59 UTC
From: Troy - VK2HXY
Topic: 1899  Message: 1899

Eric, I was fortunate enough to find a barely used/like new one sitting at a ham store in Texas..$250...The guy didn't know what he had..Be prepared to spend $500-$600 for a nice one..Do what I did...get on the net and email every ham radio store you can find and ask them if they have a used one laying around...worked for me..good luck.

kb8viv
> steve

Very true Steve, very true...

I found a DSP-100 recently here in Australia, brand new in the box, never been opened for $250 AUS dollars (193.55 USD). There are bargains to be had out there, that's for sure.

For those of you out there looking to buy a DSP-100, just keep looking. You never know what you will find if you just ASK. Seems that our hobby is all about communication, but somewhere, we've lost the art of being able to do it without a microphone. I shudder to think at what I could have asked for it on Ebay. Lucky that I wanted one for its abilities rather than to make money, otherwise I would have considered my bargain Highway Robbery.

Good luck to you

Regards

Troy VK2HXY
Sydney Australia

# 1900. Re: [TS-850_450_690] Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-29 08:20:53 UTC
From: Troy - VK2HXY
Topic: 1899  Message: 1900

I am interested in those out there who are using the DSP-100 to improve their TX audio, rather than use it for RX.

I am using the DSP-100 for the TX audio enhancment and it sure does make a world of difference. I get comments all the time regarding my TX. My question to those with the DSP-100 is:

If you're using the DSP-100 for RX, what settings on the dip switches have you found work best for SSB RX and those for TX, how have you set your DSP-100 and your rig up to best take advantage of the DSP-100 on TX.

Just for info, I am also running a W2IHY 8 Band EQ and Heil Gold Line Pro Mike and the audio is superb. Be very keen to see what others are running and what reccomendations are made.

Regards to all from 'Downunder'

Troy
VK2HXY
Sydney-Australia

# 1901. Re: [TS-850_450_690] Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-29 14:09:18 UTC
From: Kb8viv@aol.com
Topic: 1899  Message: 1901

In a message dated 1/29/04 3:38:25 AM Pacific Standard Time,
vk2hxy@... writes:
I am interested in those out there who are using the DSP-100 to improve
their TX audio, rather than use it for RX.

I am using the DSP-100 for the TX audio enhancment and it sure does make a
world of difference. I get comments all the time regarding my TX. My
question to those with the DSP-100 is:

If you're using the DSP-100 for RX, what settings on the dip switches have
you found work best for SSB RX and those for TX, how have you set your
DSP-100 and your rig up to best take advantage of the DSP-100 on TX.

Just for info, I am also running a W2IHY 8 Band EQ and Heil Gold Line Pro
Mike and the audio is superb. Be very keen to see what others are running
and what reccomendations are made.

Regards to all from 'Downunder'

Troy
VK2HXY
Sydney-Australia

Hi Troy..as I said in an earlier post Im running the dsp-100 and ts450..I
also have a behringer mic preamp and eq..not really happy as of yet with the
audio...but I did just get it hooked up..The behringer dsp1100 has a lot of
adjustability which is making it even tougher for me to get a good eq setup...Plus
the fact that I'm new to all of this "audio" stuff...I've heard guys running
850/dsp100 combos and the same audio gear I have and they sound amazing..I also
am running the heil goldline pro microphone..

One thing I notice is that the best sounding stations modify their dsp-100's
adding a balanced input...you feed your audio rack directly into the
dsp-100...seems like this works best..Im feeding my audio via a w2ihy "ibox" into the
mic input...Im not up to the task of modifying my perfectly good/working
dsp-100 LOL..man has to know his limitations...

Anyway, thats my story and I'm sticking to it hehe..73's..

Steve
kb8viv

[Non-text portions of this message have been removed]

# 1902. Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-29 18:05:58 UTC
From: Max
Topic: 1899  Message: 1902

> Hi Troy..as I said in an earlier post Im running the dsp-100 and
ts450..I
> also have a behringer mic preamp and eq..not really happy as of yet
with the
> audio...but I did just get it hooked up..The behringer dsp1100 has
a lot of
> adjustability which is making it even tougher for me to get a good
eq setup...Plus
> the fact that I'm new to all of this "audio" stuff...I've heard
guys running
> 850/dsp100 combos and the same audio gear I have and they sound
amazing..I also
> am running the heil goldline pro microphone..
>
> One thing I notice is that the best sounding stations modify their
dsp-100's
> adding a balanced input...you feed your audio rack directly into
the
> dsp-100...seems like this works best..Im feeding my audio via a
w2ihy "ibox" into the
> mic input...Im not up to the task of modifying my perfectly
good/working
> dsp-100 LOL..man has to know his limitations...
>
> Anyway, thats my story and I'm sticking to it hehe..73's..
>
> Steve
> kb8viv

Another thing you may want to consider Steve is doing the balanced modulator input to your radio, bypassing the mic amp and its filters altogether. By feeding the audio out of your rack directly into the balanced modulator you will get the cleanest fullest sound possible. I used to run a studio mic through a Behringer PEQ2200 5 band parametric EQ this way into my 850 and achieved great results. I have also used a Heil HM10 the same way. Of course your results may vary, but the bottom line is if you are going to run your audio through outboard processing gear, you are wasting your time if you feed it into the mic jack on the front of the radio.

Just my .02

Max

# 1903. Re: [TS-850_450_690] Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-29 20:37:54 UTC
From: Kb8viv@aol.com
Topic: 1899  Message: 1903

In a message dated 1/29/04 12:30:44 PM Pacific Standard Time, ve3tmt@...
writes:
Another thing you may want to consider Steve is doing the balanced
modulator input to your radio, bypassing the mic amp and its filters
altogether. By feeding the audio out of your rack directly into the
balanced modulator you will get the cleanest fullest sound possible.
I used to run a studio mic through a Behringer PEQ2200 5 band
parametric EQ this way into my 850 and achieved great results. I
have also used a Heil HM10 the same way. Of course your results may
vary, but the bottom line is if you are going to run your audio
through outboard processing gear, you are wasting your time if you
feed it into the mic jack on the front of the radio.

Just my .02

Max
Hi Max..I agree..the mic input isn't ideal..but I'm not comfortable in my
ability to start soldering and unsoldering on perfectly operational equipment
LOL..I would like to get the balanced input mod done on the dsp-100 but am not
aware of anyone doing this mod for hire...Im sure it would sound much better
though..

Steve
kb8viv

[Non-text portions of this message have been removed]

# 1904. Issues with low Serial Number 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-29 22:12:31 UTC
From: James Newton
Topic: 1904  Message: 1904

Friends
I recently purchased TS-850 serial numbered 31200219 in excellent condition and nicely priced. I have noted when studying the archives that some of the early TS850's have had problems; with defective diodes, I believe. Is anyone aware of any special symptoms or concerns I should have with my rig to keep it tip-top given this serial number??

Thanks in advance for your advice.

Jim N M0YGW/K9YGW

# 1905. Wanted: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-29 22:36:41 UTC
From: hb9dds
Topic: 1905  Message: 1905

Hi All

Wanted: DSP-100 for my TS-850. Offers to my Email adress. Thanks. 73
de HB9DDS,
Daniel

# 1906. Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-29 23:52:20 UTC
From: Max
Topic: 1899  Message: 1906

I would like to get the balanced input mod done on the dsp-100 but am
not
> aware of anyone doing this mod for hire...Im sure it would sound
much better
> though..
>
> Steve
> kb8viv

Steve,

The balanced modulator feed I am speaking of is inside the 850. I do
not have a DSP100 yet!!, still too rich for my blood. Maybe someday,
but not that important an accessory at the moment. I can squeeze
pretty good audio out of the 850 with the Heil. But it would be nice
to have some day.

Max

# 1907. Re: Issues with low Serial Number 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-29 23:54:07 UTC
From: Max
Topic: 1904  Message: 1907

Jim,

I think 31 mil is a good later date. My first 850 was a 10 mil model and the one I have now is a 51 mil unit. Can't detect any difference performance wise between either.

Congrats on your purchase,

Max

# 1908. Re: [TS-850_450_690] Issues with low Serial Number 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-30 00:03:13 UTC
From: Bill Smith
Topic: 1904  Message: 1908

Look at the 850 repair page:

http://n6tr.jzap.com/850repair.html

73,
Bill
--- James Newton <k9ygw@...> wrote:
> Friends
> I recently purchased TS-850 serial numbered
> 31200219 in excellent
> condition and nicely priced. I have noted when
> studying the archives
> that some of the early TS850's have had problems;
> with defective
> diodes, I believe. Is anyone aware of any special
> symptoms or
> concerns I should have with my rig to keep it
> tip-top given this
> serial number??
>
> Thanks in advance for your advice.
>
> Jim N M0YGW/K9YGW
>
>

=====
Bill Smith KO4NR

_____
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# 1909. Re: [TS-850_450_690] Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-30 01:19:30 UTC
From: Kb8viv@aol.com
Topic: 1899  Message: 1909

In a message dated 1/29/2004 8:15:07 PM Eastern Standard Time, Kb8viv@...
writes:

> Another thing you may want to consider Steve is doing the balanced
> modulator input to your radio, bypassing the mic amp and its filters
> altogether. By feeding the audio out of your rack directly into the
> balanced modulator you will get the cleanest fullest sound possible.
>

I didn't even know about that mod...is it listed on the net somewhere??
Thanks again..

Steve
kb8viv

[Non-text portions of this message have been removed]

# 1910. Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-30 02:45:13 UTC
From: Max
Topic: 1899  Message: 1910

--- In TS-850_450_690@yahoogroups.com, Kb8viv@a... wrote:
> In a message dated 1/29/2004 8:15:07 PM Eastern Standard Time,
Kb8viv@a...
> writes:

> I didn't even know about that mod...is it listed on the net
somewhere??
> Thanks again..
>
> Steve
> kb8viv

Steve, check out http://www.ssb-audio.com/ka0ka/am_mods.html

In fact, Tyler's page has a great deal of info on the TS850/DSP100
combo.

Max

# 1911. Re: [TS-850_450_690] Issues with low Serial Number 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-30 12:54:13 UTC
From: Paul Manuel
Topic: 1904  Message: 1911

--- James Newton <k9ygw@...> wrote:
> I recently purchased TS-850 serial numbered 31200219 in excellent
> condition and nicely priced. I have noted when studying the archives
> that some of the early TS850's have had problems; with defective
> diodes, I believe.

I am not convinced that the problems have anything to do with particular serial numbers, but may be due to the fact that the early serial number rigs are just older than the others. I have had my rig, which is the same age as yours, for almost two years. It is on every day and I have had no problems so far (knock wood!)
73,
Paul K4PDM

_____
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# 1912. Re: [TS-850_450_690] Issues with low Serial Number 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-30 13:42:41 UTC
From: Bruce Muscolino
Topic: 1904  Message: 1912

i would think that if you had a bad diode, or diodes, it would be immediately apparent in functions not working. There is an old saying about semiconductors, if they surtly initial turn on they will probably last. Based on the serial number yours has surely survived that. I wouldn't worry unless some function fails.

Bruce

# 1913. Re: [TS-850_450_690] Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-30 14:23:28 UTC
From: Kb8viv@aol.com
Topic: 1899  Message: 1913

In a message dated 1/29/04 10:43:10 PM Pacific Standard Time, ve3tmt@...
writes:
Steve, check out http://www.ssb-audio.com/ka0ka/am_mods.html

In fact, Tyler's page has a great deal of info on the TS850/DSP100
combo.

Max
Ok, now I know what your talkin about...Yeah..at this point I'm almost ready
to sell the 450/dsp-100 combo and just get an 870..Thanks again, Max.

Steve
kb8viv

[Non-text portions of this message have been removed]

# 1914. Re: [TS-850_450_690] Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-30 14:22:18 UTC
From: Kb8viv@aol.com
Topic: 1899  Message: 1914

"Steve,

The balanced modulator feed I am speaking of is inside the 850."

Wow Max, I'm not aware of that mod..is it located someplace on the web??
Thanks again..

Steve
kb8viv

[Non-text portions of this message have been removed]

# 1915. Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-30 14:39:58 UTC
From: Max
Topic: 1899  Message: 1915

--- In TS-850_450_690@yahoogroups.com, Kb8viv@a... wrote:
> "Steve,
>
> The balanced modulator feed I am speaking of is inside the 850."
>
> Wow Max, I'm not aware of that mod..is it located someplace on the
web??

Look here:

http://www.ssb-audio.com/ka0ka/am_mods.html

I would be interested in trying out your DSP100 Steve if you want to
loan it to me hihi.

Max

# 1916. Re: [TS-850_450_690] Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-30 15:36:45 UTC
From: Kb8viv@aol.com
Topic: 1899  Message: 1916

In a message dated 1/30/04 6:46:57 AM Pacific Standard Time, ve3tmt@...
writes:
Look here:

http://www.ssb-audio.com/ka0ka/am_mods.html

I would be interested in trying out your DSP100 Steve if you want to
loan it to me hihi.

Max
Well, its going towards an 870 if I do decide to make the move..thanks again,
Max..73's de kb8viv

Steve

[Non-text portions of this message have been removed]

# 1917. Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-30 19:28:59 UTC
From: Max
Topic: 1899  Message: 1917

I have heard the 850/DSP100 combo sound much better than a stock 870. Not to say the 870's don't sound bad. For some sound bytes of different stations check out this link.

http://www.nu9n.com/ (Click on the mp3 link at the top of the page)

Most of the operators say what equipment they are running. Very neat to compare.

73,
Max

# 1918. Re: [TS-850_450_690] Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-30 19:44:49 UTC
From: Kb8viv@aol.com
Topic: 1899  Message: 1918

In a message dated 1/30/04 11:30:59 AM Pacific Standard Time, ve3tmt@...
writes:
I have heard the 850/DSP100 combo sound much better than a stock
870. Not to say the 870's don't sound bad. For some sound bytes of
different stations check out this link.

http://www.nu9n.com/ (Click on the mp3 link at the top of the page)

Most of the operators say what equipment they are running. Very neat
to compare.

73,
Max
Yeah, I've listened to all of those. Very impressive...Problem is, I don't
feel comfortable in trying the mod on me dsp-100 unit..and to get maximum
performance you really need to bypass the mic input..oh well. Besides, a very
small percentage of the amateur community can hear out past 3kc's, so the wider
transmit bandwith that you obtain with the dsp-100/850 falls upon deaf ears..but
for those that can hear 6kc's, tis a beautiful thing..

Oh well, we'll see what transpires....

Steve
kb8viv

[Non-text portions of this message have been removed]

# 1919. Re: [TS-850_450_690] Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-31 02:04:25 UTC
From: Paul Manuel
Topic: 1899  Message: 1919

>Besides, a very small percentage of the amateur community can hear out
>past 3kc's, so the wider transmit bandwith that you obtain with the
dsp->100/850 falls upon deaf ears..but for those that can hear 6kc's, tis
a >beautiful thing..

Please don't assume the entire ham community is wild about this
mushy-bassy-pseudo hi-fi thing. Last time I checked, I could hear above 15
kHz, and I feel sorry for the guys who are spending so much time and money
making such a great rig (as my 850) sound so bad.
73,
Paul K4PDM

_____
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# 1920. WTB: PCI Serial Card RS-232 DB-25

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-31 13:16:32 UTC
From: Bill, K5LK
Topic: 1920  Message: 1920

Anyone have an extra PCI DB-25 serial card lying around they can ship to TX cheap, (<$10>????
I want to add a keying circuit for my TS-850 RTTY port and I am out of serial ports on the computer. Used ones are hard to find these days at a reasonable price. They were pretty standard in old 386/486 computers.
Pls e-mail directly. Tnx es 73... Bill, K5LK

# 1921. Modifications, HiFi-SSB etc

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-31 16:30:15 UTC
From: hb9dds
Topic: 1921  Message: 1921

Hello to all

Some provocatively comments:

I just surprised about all the modifications on the TS-850SAT and DSP-100. In my mind, the "normal" TS-850" with a good microfon (Heil Headset HC-4) is good enough for the most situations. When I here people with HiFi-SSB sound, I don't like it very much. It is perhaps good for AM or FM, but for SSB, the signal to wide. In some cases it is very complicated to tune in for a good voice (RX).

Is the TS-850 so good, as all the people talking about? I just got a TS-930SAT. I was surprised, how the RX sound is. At least so good as the TS-850SAT. And when you transmitting with a "sharp" microfon as the Heil Headset (HC-4) is, it sounds very nicely. This is the comment
from many Ham's.

I think, for DX, when the signal is very low, a sharp modulation ist better, then a HiFi-SSB modulation.

I just tested (RX) some transceivers as: IC-775DSP, IC-7400 (746 Pro), IC-703, TS-2000, TS-850, TS-50, SGC-2020, FT-1000D and of corse the Elecraft K2. I messured with a coax-swich, which swich also the speaker into one speaker for all TRX. The frequency was always
40/80m with a G5RV. The difference between theTRX are very small. Sometimes this is better, a second later the other. No of the above TRX was really bad, except perhaps the SGC-2020 with e very funy RX-Audio!

So, I think it is not worth to spend so much money in a HiFi-SSB-modulation,
which is in the end not every time better readable.

Let the transceiver as they are from factory, this is not that bad.

Or not?

73 de HB9DDS, Daniel

# 1922. Re: Modifications, HiFi-SSB etc

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-31 17:26:50 UTC
From: Max
Topic: 1921  Message: 1922

Daniel,

The debate on hi-fi SSB has been going on for some time now and everybody seems to have a different opinion on the subject, so here's mine...

First lets differentiate between hi-fi SSB and wide bandwidth SSB. Depending on which way you look at things, there are two routes you can take. And I think this is where a lot of the arguements take place because hams involved in the hi-fi debate might not neccessarily be talking about the same thing. Take this scenario for example...

You go out and buy a spanking new TS850. Stock from the factory it will transmit 2.7 khz wide. This bandwidth is perfectly acceptable on the bands. Next you go out and buy an external parametric EQ. You feed your Heil audio through the EQ and into the radio. You now have an infinite number of adjustments you can make to your audio, more or less bass, more or less mids, more or less highs, etc, but you are still only transmitting a maximum of 2.7 khz bandwidth. I have actually done this using a studio condensor mic, and a Behringer PEQ2200 EQ. And without adding a filter of any kind I was able to achieve, in my opinion, much better sounding audio yet still only 2.7 khz wide.

Next you go out and buy a DSP100 unit, do all the mods, and now you are capable of transmitting 6 khz wide. This is where the problems start. The hi-fi gurus at this level believe you need a 6 khz wide signal to make all that wonderful audio sound good. Not in my opinion.

I have listened to the guys on 14.178 and some of them have great sounding stations. Just a touch of bass, some almost sounding like FM. And I am amazed how clear these signals are. I do not have a beam, in fact I have been "antenna challenged" since I got my ticket 14 years ago. If all goes according to plan, I will be in a house in less than a year and then I will really start having fun. But if I did have a beam and these guys were pounding in 20 to 30 db over S9 at my end, and we had nightly skeds and talked for hours, I would prefer the fuller audio. It just sounds more pleasant. Now if I was out in some South Pacific location on a rare DXepdition, then I certainly wouldn't be running wide audio and I wouldn't use it trying to work a rare dx station. I think in the right situation it has it's place. I don't like the wider signals anymore more than the next ham, but as I have exampled, it is possible to obtain wonderful audio without transmitting 6 khz wide.

As I said, this is my opinion and I could debate it all day. I think it is experimenting, and that is what I like about this hobby so much.

73,
Max

# 1923. Re: [TS-850_450_690] Modifications, HiFi-SSB etc

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-31 18:50:17 UTC
From: Paul Manuel
Topic: 1921  Message: 1923

--- hb9dds <danielschaeffler@...> wrote:
> I just surprised about all the modifications on the TS-850SAT and
> DSP-100. In my mind, the "normal" TS-850" with a good microfon
> (Heil Headset HC-4) is good enough for the most situations

Daniel,
I agree. That is exactly what I use.
I think that everyone should sound as they want--within reasonable bandwidth--but don't expect everyone to like it!
73,
Paul K4PDM

_____
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# 1924. Re: [TS-850_450_690] Modifications, HiFi-SSB etc

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-31 19:08:49 UTC
From: Mike Elliott
Topic: 1921  Message: 1924

I also agree, and I use an MC-85 with good results.
Mike

Paul Manuel wrote:

>--- hb9dds <danielschaeffler@...> wrote:
>
>
>>I just surprised about all the modifications on the TS-850SAT and
>>DSP-100. In my mind, the "normal" TS-850" with a good microfon
>>(Heil Headset HC-4) is good enough for the most situations
>>
>>
>
>Daniel,
>I agree. That is exactly what I use.
>I think that everyone should sound as they want--within reasonable
>bandwidth--but don't expect everyone to like it!
>73,
>Paul K4PDM
>
>_________________________________
>Do you Yahoo!?
>Yahoo! SiteBuilder - Free web site building tool. Try it!
>http://webhosting.yahoo.com/ps/sb/
>
>THANKS FOR USING TS-850_450_690@...
>
>Yahoo! Groups Links
>
>To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
>To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
>Your use of Yahoo! Groups is subject to:
> http://docs.yahoo.com/info/terms/
>
>
>
>
>

[Non-text portions of this message have been removed]

# 1925. Re: Modifications, HiFi-SSB etc

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-31 19:29:20 UTC
From: Max
Topic: 1921  Message: 1925

Most of the time I use my modified Plantronics Audio 40 headset from Staples. I wired receive audio to the unused pin 6 on the mic plug and wired in the proper resitor capacitor network into an 8 pin plug. I just use a dummy 1/4" plug in the phones jack when using the headset. With the high boost on it sounds really good.

http://www.amazon.com/exec/obidos/tg/detail/-/B0000636Y1/104-8153171-8249522?v=glance

# 1926. TS-850 filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-31 19:30:38 UTC
From: merckxist
Topic: 1926  Message: 1926

I have a couple of questions regarding the accessory filters for the TS-850.

What, if any, is the difference between the factory 1800hz, 8mhz filter, and the equivilant Inrad, aside from price?

I have both 500hz filters, and whenever either one, or both, is selected, I hear a high pitched hiss.I have no problems with the
performance of the filters, but I wonder if the hiss is normal, or is there a problem with the 850?

Al
KJ5GT

# 1927. Re: Modifications, HiFi-SSB etc

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-31 19:29:53 UTC
From: hb9dds
Topic: 1921  Message: 1927

Hello Max

Your are right. But I think under "normal" condition, Hi-fi SSB and wide bandwidth SSB sounds not bad, but I think, for DX it is not recommended. And at least a bandwidth of 6KHz ist not very effecfull for shortwave, where the band is limited in some cases. And if I here the sound of some older and very old Transceivers I'm very surprised.

You are right when you say think "it is experimenting, and that is what I like about this hobby so much".

But I think, it is, in some cases, to much of theory, the praxis is another thing.

73 ds HB9DDS, Daniel

# 1928. Re: [TS-850_450_690] TS-850 filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-01-31 22:57:44 UTC
From: Bill K0ZL
Topic: 1926  Message: 1928

Mine is very quiet on the dual 500's

b

merckxist <kj5gt@...> wrote:
I have a couple of questions regarding the accessory filters for the TS-850.

What, if any, is the difference between the factory 1800hz, 8mhz filter, and the equivilant Inrad, aside from price?

I have both 500hz filters, and whenever either one, or both, is selected, I hear a high pitched hiss.I have no problems with the
performance of the filters, but I wonder if the hiss is normal, or is there a problem with the 850?

Al
KJ5GT

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

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"If in doubt, MODIFY" --k0zl

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[Non-text portions of this message have been removed]

# 1929. New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-01 02:36:02 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 424  Message: 1929

Enter your vote today! A new poll has been created for the
TS-850_450_690 group:

Since you are members of this great
group, what Kenwood radio do you use in
the shack?

o TS-850S
o TS-450S
o TS-690S
o Other (I hope not!)

To vote, please visit the following web page:

http://groups.yahoo.com/group/TS-850_450_690/surveys?id=11623391

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

# 1930. Re: [TS-850_450_690] Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-01 02:57:47 UTC
From: Zack Widup
Topic: 1899  Message: 1930

I recently had my hearing tested. I can also hear out to 15 kHz and all
below that except for around 4 kHz where the constant ringing that started
a year ago puts a notch in my hearing pattern (they call it tinnitus).
But the doctor was surprised that a 50 year old guy with tinnitus could
still hear up that high!

The 850 is a great rig. I don't need to hear hi-fi shortwave. :-)

73, Zack W9SZ

On Fri, 30 Jan 2004, Paul Manuel wrote:

>
> >Besides, a very small percentage of the amateur community can hear out
> >past 3kc's, so the wider transmit bandwith that you obtain with the
> dsp->100/850 falls upon deaf ears..but for those that can hear 6kc's, tis
> a >beautiful thing..
>
> Please don't assume the entire ham community is wild about this
> mushy-bassy-pseudo hi-fi thing. Last time I checked, I could hear above 15
> kHz, and I feel sorry for the guys who are spending so much time and money
> making such a great rig (as my 850) sound so bad.
> 73,
> Paul K4PDM
>

# 1931. Re: [TS-850_450_690] New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-01 03:23:05 UTC
From: Ray Rosler
Topic: 424  Message: 1931

I Have a Kenwood TS850AT and also a TS440. Like both units.

Ray VE5RAE
----- Original Message -----
From: <TS-850_450_690@yahoogroups.com>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, January 31, 2004 8:36 PM
Subject: [TS-850_450_690] New poll for TS-850_450_690

>
> Enter your vote today! A new poll has been created for the
> TS-850_450_690 group:
>
> Since you are members of this great
> group, what Kenwood radio do you use in
> the shack?
>
> o TS-850S
> o TS-450S
> o TS-690S
> o Other (I hope not!)
>
>
> To vote, please visit the following web page:
>
> http://groups.yahoo.com/group/TS-850_450_690/surveys?id=11623391
>
> Note: Please do not reply to this message. Poll votes are
> not collected via email. To vote, you must go to the Yahoo! Groups
> web site listed above.
>
> Thanks!
>
>
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/

>
> To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to:
> http://docs.yahoo.com/info/terms/
>
>

# 1932. RE: [TS-850_450_690] New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-01 03:37:17 UTC
From: Larry Simon
Topic: 424  Message: 1932

Ray click on the link below and go to the poll to select.
<http://groups.yahoo.com/group/TS-850_450_690/surveys?id=11623391>

Larry
KC7QJO
AFMARS AFA6BR
www.nellisrac.org

-----Original Message-----
From: Ray Rosler [mailto:roslr@...]
Sent: Saturday, January 31, 2004 7:23 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] New poll for TS-850_450_690

I Have a Kenwood TS850AT and also a TS440. Like both units.

Ray VE5RAE

# 1933. Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-01 03:50:42 UTC
From: Max
Topic: 1899  Message: 1933

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@p...> wrote:
I don't need to hear hi-fi shortwave. :-)

Case in point Zack,

Not too long ago I owned a TS570S. I found the AM shortwave receive was too narrow for comfortable listening. The stock filter in the 570 is only 2.4 khz wide. I replaced it with a 3.0 khz ssb filter from a TS930 and the difference was day & night. With only a 600 hz increase in badwidth. I am not promoting 6 khz wide SSB, the point of my post was just to say you can achieve full sounding audio without going out the wide on your signal.

Max

# 1934. Re: [TS-850_450_690] Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-01 04:44:07 UTC
From: Kb8viv@aol.com
Topic: 1899  Message: 1934

In a message dated 1/31/2004 10:00:32 PM Eastern Standard Time,
w9sz@... writes:

> I recently had my hearing tested. I can also hear out to 15 kHz and all
> below that except for around 4 kHz where the constant ringing that started
> a year ago puts a notch in my hearing pattern (they call it tinnitus).
> But the doctor was surprised that a 50 year old guy with tinnitus could
> still hear up that high!
>
> The 850 is a great rig. I don't need to hear hi-fi shortwave. :-)
>

Another thing to consider, you don't have to transmitt a 6kc wide signal to
benefit from improved audio...AM operation is quite popular, nobody complains
about them operating 6kc's wide...To me, the spirit of amateur radio is
experimentation...trying new things...I have no problem with people trying to improve
their audio..I certainly enjoy listening to a nice-balanced full signal..

Steve
kb8viv

[Non-text portions of this message have been removed]

# 1935. Re: [TS-850_450_690] New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-01 18:20:10 UTC
From: Berry W6EZ
Topic: 424  Message: 1935

So, we have to put the TS950SDX under other?
That sucks.
Anyway, I have an 850 as well, but it is in the box right now.
W6EZ

# 1936. Re: New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-01 22:12:05 UTC
From: Max
Topic: 424  Message: 1936

--- In TS-850_450_690@yahoogroups.com, Berry W6EZ <serazin@p...>
wrote:
> So, we have to put the TS950SDX under other?
> That sucks.
> Anyway, I have an 850 as well, but it is in the box right now.
> W6EZ

Hey Berry,

My mistake, in my haste I forgot to include the 950. Nice combo you
have there.

Max

# 1937. dsp100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-02 03:01:46 UTC
From: Eric
Topic: 1937  Message: 1937

There is a mint dsp-100 on auction @ ebay---21 hours to go with 24 bids. Good luck.

Eric

[Non-text portions of this message have been removed]

# 1938. Re: [TS-850_450_690] New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-02 13:49:22 UTC
From: Bill K0ZL
Topic: 424  Message: 1938

When I formed this group, I think there was already a 950 group but we can include it.. you are the first to mention it; they are rare radios (but great ones nonetheless).

b

Berry W6EZ <serazin@...> wrote:
So, we have to put the TS950SDX under other?
That sucks.
Anyway, I have an 850 as well, but it is in the box right now.
W6EZ

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http://groups.yahoo.com/group/TS-850_450_690/

To unsubscribe from this group, send an email to:
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"If in doubt, MODIFY" --k0zl

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---
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[Non-text portions of this message have been removed]

# 1939. Re: [TS-850_450_690] Re: New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-02 13:56:02 UTC
From: Bill K0ZL
Topic: 424  Message: 1939

Now I am mixed up... did I create this group, or did you, Max? Honestly, I've forgotten!
hi...

b

Max <ve3tmt@...> wrote:
--- In TS-850_450_690@yahoogroups.com, Berry W6EZ <serazin@p...>
wrote:
> So, we have to put the TS950SDX under other?
> That sucks.
> Anyway, I have an 850 as well, but it is in the box right now.
> W6EZ

Hey Berry,

My mistake, in my haste I forgot to include the 950. Nice combo you
have there.

Max

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---
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---
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[Non-text portions of this message have been removed]

# 1940. two things

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-02 13:59:29 UTC
From: Bill
Topic: 1940  Message: 1940

One; group please log in to the "groups" and read the special message from Yahoo regarding rejection of certain messages with certain subject lines (pretty cool actually).

Second: Shall we include the TS-950 in our interest listing, and shall we change the name of the group to include the TS-950/S/DX series? The latter is not much work but it will wipe out anyone's shortcuts or "favorites" if they are using them.

bill

# 1941. Re: [TS-850_450_690] Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-02 14:03:56 UTC
From: Bill K0ZL
Topic: 1899  Message: 1941

One time, just for the heck of it.. I set myself 5 khz down from W2FLA et all, they were at 14.280, I was at 14.275, and called CQ.. Got answer, we had a nice long QSO, only an occasional "pop" from up above. FLA et al were 20 over by the way...

I was QRP.

73,

bill

Kb8viv@... wrote:
In a message dated 1/31/2004 10:00:32 PM Eastern Standard Time,
w9sz@... writes:

> I recently had my hearing tested. I can also hear out to 15 kHz and all
> below that except for around 4 kHz where the constant ringing that started
> a year ago puts a notch in my hearing pattern (they call it tinnitus).
> But the doctor was surprised that a 50 year old guy with tinnitus could
> still hear up that high!
>
> The 850 is a great rig. I don't need to hear hi-fi shortwave. :-)
>

Another thing to consider, you don't have to transmitt a 6kc wide signal to benefit from improved audio...AM operation is quite popular, nobody complains about them operating 6kc's wide...To me, the spirit of amateur radio is experimentation...trying new things...I have no problem with people trying to improve their audio..I certainly enjoy listening to a nice-balanced full signal..

Steve
kb8viv

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

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[Non-text portions of this message have been removed]

# 1942. Re: [TS-850_450_690] dsp100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-02 14:17:03 UTC
From: Bill K0ZL
Topic: 1937  Message: 1942

Eric, throw the item number up here please.

b

--- Eric <mulder@...> wrote:
> There is a mint dsp-100 on auction @ ebay---21 hours
> to go with 24 bids. Good luck.
>
> Eric
>
> [Non-text portions of this message have been
> removed]
>
>

=====

"If in doubt, MODIFY" --k0zl

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_____
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http://webhosting.yahoo.com/ps/sb/

# 1943. Re: [TS-850_450_690] two things

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-02 17:18:43 UTC
From: Berry W6EZ
Topic: 1940  Message: 1943

No need to change the group. There is a 950 group.
I was just poking fun at the fact that I had to check "other"
with a 950 just the same as a Y*e#u or I%*m.
shudder
Berry

Bill wrote:

> One; group please log in to the "groups" and read the special message
> from Yahoo regarding rejection of certain messages with certain
> subject lines (pretty cool actually).
>
> Second: Shall we include the TS-950 in our interest listing, and
> shall we change the name of the group to include the TS-950/S/DX
> series? The latter is not much work but it will wipe out anyone's
> shortcuts or "favorites" if they are using them.
>
> bill
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
> ---------------------------------------------------------------------
> Yahoo! Groups Links
>
> * To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>

[Non-text portions of this message have been removed]

# 1944. Re: [TS-850_450_690] dsp100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-02 17:40:06 UTC
From: Eric
Topic: 1937  Message: 1944

that would be item number 3074412613

Eric

----- Original Message -----
From: "Bill K0ZL" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, February 02, 2004 8:17 AM
Subject: Re: [TS-850_450_690] dsp100

> Eric, throw the item number up here please.
>
> b
>
> --- Eric <mulder@...> wrote:
> > There is a mint dsp-100 on auction @ ebay---21 hours
> > to go with 24 bids. Good luck.
> >
> > Eric
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
>
> =====
>
> "If in doubt, MODIFY" --k0zl
>
> Need a tech? See our website www.amateur-repairs.com
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>
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>
> THANKS FOR USING TS-850_450_690@...
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>
>

# 1945. Re: [TS-850_450_690] dsp100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-02 18:50:17 UTC
From: Bill K0ZL
Topic: 1937  Message: 1945

--- Eric <mulder@...> wrote:
> that would be item number 3074412613
>
> Eric
>
>
> ----- Original Message -----
> From: "Bill K0ZL" <coorsbill@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Monday, February 02, 2004 8:17 AM
> Subject: Re: [TS-850_450_690] dsp100
>
>
> > Eric, throw the item number up here please.
> >
> > b
> >
> > --- Eric <mulder@...> wrote:
> > > There is a mint dsp-100 on auction @ ebay---21
> hours
> > > to go with 24 bids. Good luck.
> > >
> > > Eric
> > >
> > > [Non-text portions of this message have been
> > > removed]
> > >
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> >
> > =====
> >
> > "If in doubt, MODIFY" --k0zl
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"If in doubt, MODIFY" --k0zl

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# 1946. Re: [TS-850_450_690] Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-02 19:09:55 UTC
From: Paul Manuel
Topic: 1899  Message: 1946

--- you wrote:>
AM operation is quite popular, nobody complains about them operating
6kc's wide...To me, the spirit of amateur radio is
experimentation...trying new things...

Well, fact is, some folks DO complain about the width of the AM signals,
but AMers restrict themselves to one or two frequencies per band, and the
width is traditional with the mode.
SSB was invented to take advantage of a narrow bandwidth to increase
efficiency, both in communications accuracy and spectrum space. If hams
are really interested in experimenting with better audio, the future is
in digital transmission methods--not in the buy, plug, play that passes
for "experimentation" in pseudo-hi-fi.
73,
Paul K4PDM

_____
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# 1947. hi fidelity

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-02 19:23:42 UTC
From: Bill
Topic: 1947  Message: 1947

OK we have all agreed to disagree on this subject.

It's a bit beyond the scope of the group to discuss the pros and cons
of this or that mode, as it is the code/no code issue, ARRL stuff etc.

I did want everyone that wanted to be able to voice their opinion on
the subject and I think we have done that.

Let's move on please.

Thanks and 73,

Bill

# 1948. Timewave units vs DSP100?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-03 01:26:15 UTC
From: Phono-Guy
Topic: 1948  Message: 1948

Reading the mail here, and
Since the Dsp100 is almost impossible to find at a decent price, are any of the Timewave units equivalent or better?

Clint
WS1V

---
Do you Yahoo!?
Yahoo! SiteBuilder - Free web site building tool. Try it!

[Non-text portions of this message have been removed]

# 1949. Re: [TS-850_450_690] Timewave units vs DSP100?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-03 01:48:00 UTC
From: Kb8viv@aol.com
Topic: 1948  Message: 1949

In a message dated 2/2/2004 8:32:05 PM Eastern Standard Time,
taephono@... writes:

> Reading the mail here, and
> Since the Dsp100 is almost impossible to find at a decent price, are any of
> the Timewave units equivalent or better?
>
> Clint
> WS1V
>

The timewave units only work on receive and they are far superior to the
dsp-100 on receive. I have both.

Steve
kb8viv

[Non-text portions of this message have been removed]

# 1950. Re: Timewave units vs DSP100?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-03 04:21:30 UTC
From: Max
Topic: 1948  Message: 1950

--- In TS-850_450_690@yahoogroups.com, Phono-Guy <taephono@y...>
wrote:
> Reading the mail here, and
> Since the Dsp100 is almost impossible to find at a decent price,
are any of the Timewave units equivalent or better?
>
> Clint
> WS1V

The Timewave DSP units are AUDIO dsp units whereas the DSP100 is an IF DSP unit. There are major differences. The Timewave units do nothing to eliminate the interfering signal other than to mask it, whereas the DSP100 IF unit removes it right out of the receive chain altogether. I gave a better description in message # 1493. The Timewave are very good audio DSP units and they are considerably cheaper than a DSP100.

73,
Max

# 1951. Re: [TS-850_450_690] dsp100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-03 05:11:12 UTC
From: Eric
Topic: 1937  Message: 1951

this auction ended and guess what the final and winning bid was!? My
dsp-100 purchase just two ebay auctions ago was @ $540. This one went for
$1225! Mine was every bit as 'mint' as this one claimed to be. I guess
somebody really wanted one or has a good disposable income!

Eric

----- Original Message -----
From: "Bill K0ZL" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, February 02, 2004 12:50 PM
Subject: Re: [TS-850_450_690] dsp100

>
> --- Eric <mulder@...> wrote:
> > that would be item number 3074412613
> >
> > Eric
> >
> >
> > ----- Original Message -----
> > From: "Bill K0ZL" <coorsbill@...>
> > To: <TS-850_450_690@yahoogroups.com>
> > Sent: Monday, February 02, 2004 8:17 AM
> > Subject: Re: [TS-850_450_690] dsp100
> >
> >
> > > Eric, throw the item number up here please.
> > >
> > > b
> > >
> > > --- Eric <mulder@...> wrote:
> > > > There is a mint dsp-100 on auction @ ebay---21
> > hours
> > > > to go with 24 bids. Good luck.
> > > >
> > > > Eric
> > > >
> > > > [Non-text portions of this message have been
> > > > removed]
> > > >
> > > >
> > > >
> > > >
> > > =====
> > >

> > > "If in doubt, MODIFY" --k0zl
> > >
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> > >
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> > >
> > > To unsubscribe from this group, send an email to:
> > > TS-850_450_690-unsubscribe@yahoogroups.com
> > >
> > > Your use of Yahoo! Groups is subject to:
> > > http://docs.yahoo.com/info/terms/
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> =====
>
> "If in doubt, MODIFY" --k0zl
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> TS-850_450_690-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to:
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>
>

# 1953. Re: dsp100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-03 13:44:56 UTC
From: Max
Topic: 1937  Message: 1953

--- In TS-850_450_690@yahoogroups.com, "Eric" <mulder@a...> wrote:
> this auction ended and guess what the final and winning bid was!?
My
> dsp-100 purchase just two ebay auctions ago was @ $540. This one
went for
> $1225! Mine was every bit as 'mint' as this one claimed to be. I
guess
> somebody really wanted one or has a good disposable income!

That is unbelievable. You can buy a TS870 for that. Must be nice to be able to throw money around like that. That is double what they originally sold for!

# 1954. Re: [TS-850_450_690] dsp100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-03 14:03:23 UTC
From: Zack Widup
Topic: 1937  Message: 1954

That is conpletely absurd IMO. That's more than I paid for my 850!

Zack W9SZ

On Mon, 2 Feb 2004, Eric wrote:

> this auction ended and guess what the final and winning bid was!? My
> dsp-100 purchase just two ebay auctions ago was @ $540. This one went for
> $1225! Mine was every bit as 'mint' as this one claimed to be. I guess
> somebody really wanted one or has a good disposable income!
>
> Eric
>
> --- Eric <mulder@...> wrote:
> There is a mint dsp-100 on auction @ ebay---21
> hours
> to go with 24 bids. Good luck.
>
> Eric
>

# 1955. Re: [TS-850_450_690] Re: dsp100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-03 14:36:22 UTC
From: Kb8viv@aol.com
Topic: 1937  Message: 1955

In a message dated 2/3/04 5:46:23 AM Pacific Standard Time, ve3tmt@...
writes:
In TS-850_450_690@yahoogroups.com, "Eric" <mulder@a...> wrote:
> this auction ended and guess what the final and winning bid was!?
My
> dsp-100 purchase just two ebay auctions ago was @ $540. This one
went for
> $1225! Mine was every bit as 'mint' as this one claimed to be. I
guess
I was watching that auction also, anyone want a mint dsp-100 for the bargain
basement price of $1,000? I'll even ship it for that amount.

Steve
kb8viv

[Non-text portions of this message have been removed]

# 1956. Re Latest Poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-03 18:05:18 UTC
From: Max
Topic: 1956  Message: 1956

Don't forget to cast your vote in our latest poll. Vote for the rig you use. It will be interesting to see the results. I will close the poll this Friday @ noon.

Max

# 1957. Re: dsp100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-03 19:13:09 UTC
From: Norm
Topic: 1937  Message: 1957

WOW...once I purchased the 1.2ghz module for my TS-790a and thought the $600.00 was a bit much. Hmmmm... I have a thought. Maybe I should try to sell a "Box of Rocks" on EBAY. It would read sumthin' like this. "Box of Rocks... NO RESERVE. A bit dirty.. but fully operational. May not find new ones like these in several million years."

Norm
K3ACE
--- In TS-850_450_690@yahoogroups.com, "Eric" <mulder@a...> wrote:
> this auction ended and guess what the final and winning bid was!? My
> dsp-100 purchase just two ebay auctions ago was @ $540. This one went for
> $1225! Mine was every bit as 'mint' as this one claimed to be. I guess
> somebody really wanted one or has a good disposable income!
>
> Eric
>

# 1958. Re: [TS-850_450_690] Re: dsp100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-03 21:08:52 UTC
From: Sarge
Topic: 1937  Message: 1958

> WOW...once I purchased the 1.2ghz module for my TS-790a and thought
> the $600.00 was a bit much. Hmmmm... I have a thought. Maybe I
> should try to sell a "Box of Rocks" on EBAY. It would read sumthin'
> like this. "Box of Rocks... NO RESERVE. A bit dirty.. but fully
> operational. May not find new ones like these in several million
> years."
>
> Norm
> K3ACE

Waaaaaaaaaaahahahahaha!!!!!!!! You must do it !!!!

# 1959. Re: [TS-850_450_690] Re: dsp100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-04 00:16:18 UTC
From: Bill K0ZL
Topic: 1937  Message: 1959

I hope the seller gets paid.

b

--- Max <ve3tmt@...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "Eric"
> <mulder@a...> wrote:
> > this auction ended and guess what the final and
> winning bid was!?
> My
> > dsp-100 purchase just two ebay auctions ago was @
> $540. This one
> went for
> > $1225! Mine was every bit as 'mint' as this one
> claimed to be. I
> guess
> > somebody really wanted one or has a good
> disposable income!
>
> That is unbelievable. You can buy a TS870 for that.
> Must be nice to
> be able to throw money around like that. That is
> double what they
> originally sold for!
>
>

=====

"If in doubt, MODIFY" --k0zl

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http://webhosting.yahoo.com/ps/sb/

# 1960. Re: [TS-850_450_690] Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-05 19:30:09 UTC
From: Duncan Cameron
Topic: 1899  Message: 1960

I wish to correct a slight misconception that appears in the message from Paul Manuel.
SSB was not invented or developed to conserve spectrum, this was merely a by-product. If you research the subject you will find that it was the efficiency in terms of output that was the advantage and is the major reason General Curtis Lemay (head of SAC) advocated its use, instead of AM, in the planes of the Strategic Air Command. Art Collins was convinced by late 1954 that Singlesideband Supressed Carrier was the way to go and committed substantial resources to the devlopment of SSB radio resulting in the KWS-1 in 1955 and the KWM-1 in 1957. SSB was able to produce an extremely intelligible signal with much less power. Narrow bandwidth and spectrum conservation only became discussed as advantages in SSB when Amateur Radio experienced unprecedented growth in the years following WW2.
Scott C.

>From: Paul Manuel <k4pdm@...>
>Reply-To: TS-850_450_690@yahoogroups.com
>To: TS-850_450_690@yahoogroups.com
>Subject: Re: [TS-850_450_690] Re: Digest Number 450
>Date: Mon, 2 Feb 2004 11:09:55 -0800 (PST)
>
>
>--- you wrote:>
>AM operation is quite popular, nobody complains about them operating
>6kc's wide...To me, the spirit of amateur radio is
>experimentation...trying new things...
>
>Well, fact is, some folks DO complain about the width of the AM signals,
>but AMers restrict themselves to one or two frequencies per band, and the
>width is traditional with the mode.
>SSB was invented to take advantage of a narrow bandwidth to increase
>efficiency, both in communications accuracy and spectrum space. If hams
>are really interested in experimenting with better audio, the future is
>in digital transmission methods--not in the buy, plug, play that passes
>for "experimentation" in pseudo-hi-fi.
>73,
>Paul K4PDM
>
>_________________________________
>Do you Yahoo!?
>Yahoo! SiteBuilder - Free web site building tool. Try it!
>http://webhosting.yahoo.com/ps/sb/
>
>THANKS FOR USING TS-850_450_690@...
>

>Yahoo! Groups Links
>
>To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
>To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
>Your use of Yahoo! Groups is subject to:
> http://docs.yahoo.com/info/terms/
>
>

---
Find high-speed ?net deals ? comparison-shop your local providers here.
https://broadband.msn.com

# 1961. Re: [TS-850_450_690] Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-05 21:34:45 UTC
From: Paul Manuel
Topic: 1899  Message: 1961

--- Duncan Cameron <dxer10@...> wrote:
> I wish to correct a slight misconception that appears in the message
> from Paul Manuel. SSB was not invented or developed to conserve
>spectrum, this was merely a by-product. If you research the subject you
>will find that it was the efficiency in terms of output that was the
>advantage

Thank you, Duncan, for your correction. So spectrum efficiency was part of the reason for the adoption of SSB by hams, if not for its invention.

Let us not forget that a part of the increased "efficiency in terms of output" comes from utilizing a more narrow bandwidth for transmission and reception (placing more of the power output in the range of frequencies that make a signal intelligible,) in addition to the elimination of the carrier and one sideband.
73,
Paul K4PDM

_____
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# 1962. Re: [TS-850_450_690] Re: Digest Number 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-05 21:44:53 UTC
From: Bill K0ZL
Topic: 1899  Message: 1962

All this would make good FAQ on "Why SSB..."... anyone interested in going through the archives and harvesting?

Whatever happened to ACSSB?

Maybe with new DDS technology, it could be revived less expensively and with better results.

PS if you crank your processor up to about 10dB, put on the high boost, and call CQ at 5 watts peak (10 watts if you haven't reduced your min. power yet), and don't tell anyone you are QRP.. see what kind of sig reports you get! You gotta do it for about 2 weeks to really see results, compared to 100w and no processor.

bill

--- Paul Manuel <k4pdm@...> wrote:
>
> --- Duncan Cameron <dxer10@...> wrote:
> > I wish to correct a slight misconception that
> appears in the message
> > from Paul Manuel. SSB was not invented or
> developed to conserve
> >spectrum, this was merely a by-product. If you
> research the subject you
> >will find that it was the efficiency in terms of
> output that was the
> >advantage
>
> Thank you, Duncan, for your correction. So spectrum
> efficiency was part of
> the reason for the adoption of SSB by hams, if not
> for its invention.
>
> Let us not forget that a part of the increased
> "efficiency in terms of
> output" comes from utilizing a more narrow bandwidth
> for transmission and
> reception (placing more of the power output in the
> range of frequencies
> that make a signal intelligible,) in addition to the
> elimination of the
> carrier and one sideband.
> 73,

> Paul K4PDM
>
> _____
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>

=====

"If in doubt, MODIFY" --k0zl

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# 1963. Re: QRP on the 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-06 15:50:34 UTC
From: Max
Topic: 1899  Message: 1963

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:

> PS if you crank your processor up to about 10dB, put
> on the high boost, and call CQ at 5 watts peak (10
> watts if you haven't reduced your min. power yet), and
> don't tell anyone you are QRP.. see what kind of sig
> reports you get! You gotta do it for about 2 weeks to
> really see results, compared to 100w and no processor.
>
> bill

This sounds really interesting. I am going to give it a try. Would certainly cut down on the number of complaints I get from the other members of the family about coming over the stereos!

If anyone is interested in making their own headset mic with the 850, try the Plantronics A40 model. I fit a voltage dropping resistor and DC blocking cap inside the 8 pin mic plug for a neat installation. With the high boost on, the mic sounds fantastic. Lots of gain and the VOX action works quite well. I can provide details to anyone interested.

It is nice to be able to work away on the bench and chat with the locals on 40m.

Max

# 1964. ACSSB?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-06 15:55:10 UTC
From: Duncan Cameron
Topic: 1899  Message: 1964

Check out the interesting discussion on this topic at-
http://lists.contesting.com/archives/html/TenTec/2003-04/msg00487.html
I found Paul (W9AC) comments regarding the development of ssb and how
DSP would have altered that development if it had been available in
late 1950's.
Scott C.

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> All this would make good FAQ on "Why SSB.."... anyone
> interested in going through the archives and
> harvesting?
>
> Whatever happened to ACSSB?
>
> Maybe with new DDS technology, it could be revived
> less expensively and with better results.
>
> PS if you crank your processor up to about 10dB, put
> on the high boost, and call CQ at 5 watts peak (10
> watts if you haven't reduced your min. power yet), and
> don't tell anyone you are QRP.. see what kind of sig
> reports you get! You gotta do it for about 2 weeks to
> really see results, compared to 100w and no processor.
>
> bill
>
> --- Paul Manuel <k4pdm@y...> wrote:
> >
> > --- Duncan Cameron <dxer10@h...> wrote:
> > > I wish to correct a slight misconception that
> > appears in the message
> > > from Paul Manuel. SSB was not invented or
> > developed to conserve
> > >spectrum, this was merely a by-product. If you
> > research the subject you
> > >will find that it was the efficiency in terms of
> > output that was the
> > >advantage
> >
> > Thank you, Duncan, for your correction. So spectrum
> > efficiency was part of
> > the reason for the adoption of SSB by hams, if not
> > for its invention.
> >

> > Let us not forget that a part of the increased
> > "efficiency in terms of
> > output" comes from utilizing a more narrow bandwidth
> > for transmission and
> > reception (placing more of the power output in the
> > range of frequencies
> > that make a signal intelligible,) in addition to the
> > elimination of the
> > carrier and one sideband.
> > 73,
> > Paul K4PDM
> >
> > _____
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> =====
>
> "If in doubt, MODIFY" --k0zl
>
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# 1965. Poll results for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-06 16:52:55 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 705  Message: 1965

The following TS-850_450_690 poll is now closed. Here are the final results:

POLL QUESTION: Since you are members of this great group, what Kenwood radio do you use in the shack?

CHOICES AND RESULTS
- TS-850S, 32 votes, 65.31%
- TS-450S, 13 votes, 26.53%
- TS-690S, 3 votes, 6.12%
- Other (I hope not!), 1 votes, 2.04%

For more information about this group, please visit http://groups.yahoo.com/group/TS-850_450_690

For help with Yahoo! Groups, please visit http://help.yahoo.com/help/us/groups/

# 1966. Re: [TS-850_450_690] Re: QRP on the 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-06 18:01:49 UTC
From: Bill K0ZL
Topic: 1899  Message: 1966

That's great, Max...

QRP is great fun. I always seem to get better results
on SSB if I dont' tell anyone I am QRP.

Opposite effect on CW, seems like the /QRP helps draw
interest...

b

--- Max <ve3tmt@...> wrote:
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
>
> > PS if you crank your processor up to about 10dB,
> put
> > on the high boost, and call CQ at 5 watts peak (10
> > watts if you haven't reduced your min. power yet),
> and
> > don't tell anyone you are QRP.. see what kind of
> sig
> > reports you get! You gotta do it for about 2 weeks
> to
> > really see results, compared to 100w and no
> processor.
> >
> > bill
>
> This sounds really interesting. I am going to give
> it a try. Would
> certainly cut down on the number of complaints I get
> from the other
> members of the family about coming over the stereos!
>
>
> If anyone is interested in making their own headset
> mic with the 850,
> try the Plantronics A40 model. I fit a voltage
> dropping resistor and
> DC blocking cap inside the 8 pin mic plug for a neat
> installation.
> With the high boost on, the mic sounds fantastic.
> Lots of gain and
> the VOX action works quite well. I can provide
> details to anyone

> interested.
>
> It is nice to be able to work away on the bench and
> chat with the
> locals on 40m.
>
> Max
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 1967. Re: [TS-850_450_690] Re: QRP on the 850/plantronics

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-07 19:53:28 UTC
From: Bill K0ZL
Topic: 1899  Message: 1967

What value cap and resistor are you using, Max?

b

--- Max <ve3tmt@...> wrote:
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
>
> > PS if you crank your processor up to about 10dB,
> put
> > on the high boost, and call CQ at 5 watts peak (10
> > watts if you haven't reduced your min. power yet),
> and
> > don't tell anyone you are QRP.. see what kind of
> sig
> > reports you get! You gotta do it for about 2 weeks
> to
> > really see results, compared to 100w and no
> processor.
> >
> > bill
>
> This sounds really interesting. I am going to give
> it a try. Would
> certainly cut down on the number of complaints I get
> from the other
> members of the family about coming over the stereos!
>
>
> If anyone is interested in making their own headset
> mic with the 850,
> try the Plantronics A40 model. I fit a voltage
> dropping resistor and
> DC blocking cap inside the 8 pin mic plug for a neat
> installation.
> With the high boost on, the mic sounds fantastic.
> Lots of gain and
> the VOX action works quite well. I can provide
> details to anyone
> interested.
>
> It is nice to be able to work away on the bench and
> chat with the
> locals on 40m.

>
> Max
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 1968. Re: QRP on the 850/plantronics

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-08 00:00:14 UTC
From: Max
Topic: 1899  Message: 1968

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> What value cap and resistor are you using, Max?
>
> b

I use a 22k from pin 5 (+V) to the mic audio line and a 1 uf
electrolytic between pin 1 and the audio line. Negative side of cap
to pin 1 on the mic plug. I find that the speaker leads have some
kind of coating on them and take a good burning from the soldering
iron to get it off before they take solder. Use the smallest
components you can find to make sure they fit insde the mic plug. I
run receive audio from the headphone jack (inside the radio) to the
unused pin 6 on the mic plug.

Max

# 1969. Rig Control

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-08 14:38:28 UTC
From: va3xl
Topic: 1969  Message: 1969

I am trying to interface my TS-850SAT with my computer.
I am using the Logger32 program and can't read any rig information.
I am plugging an MFJ-5383K interface cable into ACC1 on the TS-850S.
Is this the correct port for RS-232?

Don, VA3XL

# 1970. Re: Rig Control

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-08 15:09:44 UTC
From: Max
Topic: 1969  Message: 1970

--- In TS-850_450_690@yahoogroups.com, "va3xl" <donsandison@c...>
wrote:
> I am trying to interface my TS-850SAT with my computer.
> I am using the Logger32 program and can't read any rig information.
> I am plugging an MFJ-5383K interface cable into ACC1 on the TS-
850S.
> Is this the correct port for RS-232?
>
> Don, VA3XL

Don,

I looked up the manual for the MFJ interface cable and if the 6 pin DIN plug is wired the way it is in the diagram, they are missing the RTS (request to send) and CTS (clear to send) lines. I think you need these control lines so the radio knows that the computer is asking for information, and the computer knows when to receive it. Or something to that effect. I built my interface using the same chip (MAX232A) and I use 5 lines going into the 850. These are ground, TXD, RXD, RTS and CTS. Every program I have used with the 850 requires all the lines. As far as the proper jack is concerned, I am not at the rig right now, but it is the DIN plug located beneath the external antenna tuner control socket. Looking at the back of the 850, it is on the right hand side about halfway up the rig.

Good luck,

Max VE3TMT

# 1971. Re: [TS-850_450_690] Rig Control

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-08 16:16:54 UTC
From: Zack Widup
Topic: 1969  Message: 1971

ACC1 is the correct connector for the serial computer control.

Here's a way to test your interface. If this does't work then there's something wrong in the interface somewhere.

If you're using Windows there should be a program on your computer called "Hyperterminal". For Windows 95 & 98, click "Start" > "Programs" > "Accessories" > "Communications" > Hyperterminal. If you don't have Hyperterminal, any serial comm program that can access the COMM ports will work.

Start Hyperterminal and set up the connection to whatever comm port your interface is connected to (I use "Direct to Com1"). Configure it for 4800 baud, No Parity, 8 data bits, 2 stop bits. (4800, N, 8, 2)

Now with Hyperterminal enter "AI1;" (without the quotations marks). This turns on the "Auto Information" mode. You should at once hear a beep from the radio and you will see a line printed out on the Hyperterminal screen that looks like

IF00007029000 -016000 44030000008 ;

This translates to:

IF = Information Function
00007029000 = frequency the rig is tuned to (7029.000 kHz in this example)

-0160 = RIT freqency (-0.16 kHz in this example)
00 = RIT off, XIT off

44 = Memory Channel 44 is currently selected in memory channel bank
0 = TX/RX = RX
3 = MODE = CW
0 = FUNCTION = VFO
0 = SCAN OFF
0 = SPLIT OFF
0 = TONE OFF
08 = TONE FREQUENCY

Every time you spin the tuning dial it should update this output with a new string of characters starting with IF and the new frequency. When you change any of these settings you will get a new display. Try turning the RIT, XIT and memory on and off, etc. and see what happens. To turn off this mode enter "AI0;" and the radio will again beep.

Hopefully you have the TS-850 External Control Instruction Manual which explains all of this.

If you only get gibberish on your screen in Hyperterminal, you either have one of the comm parameters set incorrectly or there is something wrong with your interface box. If you don't get anything then either the interface box is bad or not getting power or you're connected to the wrong COMM port Try switching COMM ports first, either into your computer or with Hyperterminal. I built my own box from an article in the ARRL Handbook. All it does, really, is convert the TTL levels from the ACC1 plug on the rig into RS-232 levels.

Good Luck!

73, Zack W9SZ

On Sun, 8 Feb 2004, va3xl wrote:

> I am trying to interface my TS-850SAT with my computer.
> I am using the Logger32 program and can't read any rig information.
> I am plugging an MFJ-5383K interface cable into ACC1 on the TS-850S.
> Is this the correct port for RS-232?
>
> Don, VA3XL
>

# 1972. Re: Rig Control

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-08 20:07:59 UTC
From: va3xl
Topic: 1969  Message: 1972

Max
You're right. MFJ do not use RTS and CTS in this case. The chip
they use is a MAX231CPD. It has 14 pins instead of 16 like the
MAX232A and I was unsuccessful in my attemps to locate a pin-out
diagram. There are 4 unused holes in the circuit-board and I played
around testing different configurations for RTS and CTS to no avail.
Maybe I will have to shop for a Max232 chip tomorrow.

Tnx,
Don

>
> I looked up the manual for the MFJ interface cable and if the 6
pin
> DIN plug is wired the way it is in the diagram, they are missing
the
> RTS (request to send) and CTS (clear to send) lines. I think you
> need these control lines so the radio knows that the computer is
> asking for information, and the computer knows when to receive
it.
> Or something to that effect. I built my interface using the same
> chip (MAX232A) and I use 5 lines going into the 850. These are
> ground, TXD, RXD, RTS and CTS. Every program I have used with the
> 850 requires all the lines. As far as the proper jack is
concerned,
> I am not at the rig right now, but it is the DIN plug located
> beneath the external antenna tuner control socket. Looking at the
> back of the 850, it is on the right hand side about halfway up the
> rig.
>
> Good luck,
>
> Max VE3TMT

# 1973. Re: Rig Control

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-08 22:05:54 UTC
From: Max
Topic: 1969  Message: 1973

--- In TS-850_450_690@yahoogroups.com, "va3xl" <donsandison@c...>
wrote:
> Max
> You're right. MFJ do not use RTS and CTS in this case. The chip
> they use is a MAX231CPD. It has 14 pins instead of 16 like the
> MAX232A and I was unsuccessful in my attemps to locate a pin-out
> diagram. There are 4 unused holes in the circuit-board and I played
> around testing different configurations for RTS and CTS to no avail.
> Maybe I will have to shop for a Max232 chip tomorrow.
>
> Tnx,
> Don

Don,

look in the files section. The last one listed is the circuit I
built to use on my 850. I built it using point to point wiring on a
pice of perfboard from Radio Shack. All new parts including the case
cost me under $30 CDN. Works like a champ. Works with MixW, Ham
Radio Deluxe and many other programs.

Max

# 1974. Rig Control via MFJ-5383K

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-09 12:06:56 UTC
From: va3xl
Topic: 1974  Message: 1974

The solution turned out to be very simple.
I shorted out pin 4 (CTS) to pin 5 (RTS) in the DIN plug that goes
in ACC1.
The 850 talks to Logger 32 and will QSY when commanded from the PC.

Thanks Max.
Thanks Zack.

73, Don VA3XL

# 1975. Re: Rig Control via MFJ-5383K

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-09 12:18:16 UTC
From: Max
Topic: 1974  Message: 1975

--- In TS-850_450_690@yahoogroups.com, "va3xl" <donsandison@c...>
wrote:
> The solution turned out to be very simple.
> I shorted out pin 4 (CTS) to pin 5 (RTS) in the DIN plug that goes
> in ACC1.
> The 850 talks to Logger 32 and will QSY when commanded from the PC.

Glad to hear you got it going Don.

Max

# 1976. Re: [TS-850_450_690] Rig Control via MFJ-5383K

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-09 15:36:12 UTC
From: Zack Widup
Topic: 1974  Message: 1976

Duh - of course, that was too simple! Why didn't I think of that? :)

73, Zack W9SZ

On Mon, 9 Feb 2004, va3xl wrote:

> The solution turned out to be very simple.
> I shorted out pin 4 (CTS) to pin 5 (RTS) in the DIN plug that goes
> in ACC1.
> The 850 talks to Logger 32 and will QSY when commanded from the PC.
>
> Thanks Max.
> Thanks Zack.
>
> 73, Don VA3XL

# 1977. TS-450 on eBay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-09 16:04:11 UTC
From: Zack Widup
Topic: 1977  Message: 1977

There's a TS-450S for sale on eBay. Reserve is $600. See:

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&category=40067&item=3076906103

73, Zack W9SZ

# 1978. Re: [TS-850_450_690] TS-450 on eBay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-09 16:45:35 UTC
From: Paul Manuel
Topic: 1977  Message: 1978

--- Zack Widup <w9sz@...> wrote:
> There's a TS-450S for sale on eBay. Reserve is $600.

There are a couple, as I recall, on QTH.com for less than that. $600 is about the going price from a dealer with a 30 day warranty, unless there are optional filters included.
73,
Paul K4PDM

_____
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http://taxes.yahoo.com/filing.html

# 1979. Re: TS-450 on eBay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-09 16:57:34 UTC
From: Max
Topic: 1977  Message: 1979

--- In TS-850_450_690@yahoogroups.com, Paul Manuel <k4pdm@y...> wrote:
>
> --- Zack Widup <w9sz@p...> wrote:
> > There's a TS-450S for sale on eBay. Reserve is $600.
>
> There are a couple, as I recall, on QTH.com for less than that.
$600 is
> about the going price from a dealer with a 30 day warranty, unless
there
> are optional filters included.
> 73,
> Paul K4PDM

I sold my 450 for $600 Canadian, which would have been about $400 US
at the time.

# 1980. Re: Display problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-09 20:03:03 UTC
From: paul1372001
Topic: 1749  Message: 1980

Hi Bill and all,
I have fixed the problem. It was coming from a capacitor on
the display board. There was two capacitors and one of them have a
leakage on the board and cut the board. We made a bridge ( to skip
the bad bit ) and fix a new capacitor. Now it workes 100%.
73's de'
9H1SP
Paul

--- In TS-850_450_690@yahoogroups.com, "paul1372001"
<paul1372001@y...> wrote:
> HI all,
> Can someone please help me about this problem . I have the TS-
> 850S/AT and from time to time the display comes and goes. Approx
when
> I turn on the radio the display is ok but after 30 minutes it goes.
> The radio is still good in TX and RX but I cannot see the display (
> black screen ). It comes good sometimes in 1 hour and sometimes
more
> then 5 hours. I'm waiting for your reply and thanks for your kindly
> help in advance.
> I take the oportunity to send all of you and all your
families
> a happy new year full of joy and happiness.
>
> De'
> 9H1SP
> Paul

# 1981. if-232c between ts-850s/at and pc

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-09 20:12:47 UTC
From: paul1372001
Topic: 1981  Message: 1981

Hi all,
I have an IF-232c and I want to make the radio controled by pc.
Can someone please tell me what kind of software I want to use. For info I have the Kenwood IF232-c , the DIN connectors cable ( 6 pin), and a serial port cable (rs-232c)to connect from the if-232c and the pc. I'm looking for your help till then best 73's
de'
9H1SP
Paul

# 1982. Re: [TS-850_450_690] if-232c between ts-850s/at and pc

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-09 20:27:54 UTC
From: Zack Widup
Topic: 1981  Message: 1982

As I noted in my posting yesterday, if you have the Kenwood TS-850 external control instruction manual you can probably figure out how to write your own. The commands are pretty simple and easy to use.

But there are several software programs around that can control these rigs. I have a copy of KENTROL which is a demo version and controls all the functions except a couple of them. You have to pay for a full version to access the control of those few functions and I never saw the necessity for those. If it is OK according to their agreement I will put it in the member files area later.

I think I have a couple other programs also but they aren't as good as KENTROL.

There was a program written by Jim Kehler KH2D/4 called "Clusterbuster" that is great for DXing - you can pick a DX spot off the cluster and have the rig QSY to the DX frequency. But I believe Jim stopped selling it.

Most of the contest logging programs (CT, TR, WriteLog, etc.) allow you to control the rig while you're contesting.

73, Zack W9SZ

On Mon, 9 Feb 2004, paul1372001 wrote:

> Hi all,
> I have an IF-232c and I want to make the radio controled by pc.
> Can someone please tell me what kind of software I want to use. For
> info I have the Kenwood IF232-c , the DIN connectors cable ( 6 pin),
> and a serial port cable (rs-232c)to connect from the if-232c and the
> pc. I'm looking for your help till then best 73's
> de'
> 9H1SP
> Paul
>

# 1983. Re: if-232c between ts-850s/at and pc

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-10 01:27:37 UTC
From: Max
Topic: 1981  Message: 1983

Best one I have used is Ham Radio Deluxe:

http://www.kns.ch/sysgem/hb9drv/HamRadioDeluxe.htm

Max

# 1984. Re: if-232c between ts-850s/at and pc

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-10 19:25:27 UTC
From: ve3mij
Topic: 1981  Message: 1984

It's not contesting software, but it works for checking out the operation of your 850/450 through the serial interface and it's in the files section of this group. (And it's free...)

The first version I wrote, in 1991, last version I wrote, was in 1995, but it works great even on Windows XP! At the time, nothing existed for the 850, so I had to invent.

Look for

KMIJ3v24.zip
KMIJ TS-850/450 remote windows software

in the Files section of the group.

You can see a bit more on it, at http://members.rogers.com/ve3mij

It's amazing how becoming a dad can really put a dent in your hobby!

I bought my TS-850 new in Florida, a month after it was released for sale. Still think it's a fabulous rig, all these years later.

I was looking at my documentation, including the service manual and the NEC uPD78312/uPD78310 microprocessor documentation, and thinking if I had lots of time, we could get into hacking the 850's code...

But the one thing that stood out, was the original TS-850 Brochure. Would anyone be interested in seeing it? If so, I'll make a .pdf of it for the files section.

Jim

--- In TS-850_450_690@yahoogroups.com, "paul1372001" <paul1372001@y...> wrote:
> Hi all,
> I have an IF-232c and I want to make the radio controled by pc.
> Can someone please tell me what kind of software I want to use. For
> info I have the Kenwood IF232-c , the DIN connectors cable ( 6 pin),
> and a serial port cable (rs-232c)to connect from the if-232c and the
> pc. I'm looking for your help till then best 73's
> de'
> 9H1SP
> Paul

# 1985. TS-850S original Brochure...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-10 20:47:33 UTC
From: ve3mij
Topic: 1981  Message: 1985

Since there was interest, I've scanned and posted the TS-850S Brochure and put it into the Groups Photos area under Photo Albums > TS-850 Brochure (Was that too easy?)

I remember getting the brochure and hearing the rig was to be released in a couple of months. Then on a business trip in Florida, I had some time on the weekend and went to a Hamfest. I walked out with a nice new box under my arm and a huge smile on my face. Never regretted it!

Have a look!

:)

# 1986. MC-60 problem?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-10 22:01:27 UTC
From: evilkalla
Topic: 1986  Message: 1986

Hey Guys,

I picked up a Kenwood VHF base station from another ham a couple weeks ago. It does look great sitting next to my 850, but the MC-60 mike that came with it is hosed up. It's obviously brand new (not a mark on it), but it has absolutely no audio response. I confirmed this by disconnecting it from the base and connecting it to the base of my other MC-60 and it still doesn't produce any audio.

Any suggestions? There doesn't seem to be any way to take the microphone itself apart to check for bad solder joints.

Walton C. Gibson
K4LLA

# 1987. Ts-450 backup battery check

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-10 23:39:26 UTC
From: hahollme
Topic: 1987  Message: 1987

Hi!

Could somebody write a step-by-step guide of how to get my hands on the ts-450 backup battery ?

73's
Hannu OH1HAQ

# 1988. Re: [TS-850_450_690] Ts-450 backup battery check

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-11 00:56:17 UTC
From: Bill K0ZL
Topic: 1987  Message: 1988

1. Find local Kenwood parts dealer, or one that is
willing to ship overseas.

2. Failing that, arrange to buy one (or more) through
me and be willing to wait a few weeks as the machine
grinds.

3. Make up coin cell holder set up to use the commonly
availabe CR2032 coin cell.

bill

--- hahollme <hannu.hollmen@...> wrote:
> Hi!
>
> Could somebody write a step-by-step guide of how to
> get my hands on the ts-450 backup battery ?
>
> 73's
> Hannu OH1HAQ
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 1989. Re: Ts-450 backup battery check

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-11 01:39:22 UTC
From: Larry Nixon
Topic: 1987  Message: 1989

replaced mine a year or two back...

http://www.geocities.com/lfnca/450bat/450sat_battery.htm

--- In TS-850_450_690@yahoogroups.com, "hahollme"
<hannu.hollmen@k...> wrote:
> Hi!
>
> Could somebody write a step-by-step guide of how to get my hands on
the ts-450 backup battery ?
>
> 73's
> Hannu OH1HAQ

# 1990. ARRL Handbook Article Needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-11 13:41:46 UTC
From: Bill Smith
Topic: 1990  Message: 1990

Does anyone have a copy of this article? I want to
build the Tow Tone Generator described in it using a
FAR Circuits PC board.

ARRL HB CHP25 FIG.51 (88-91) AND CHP25 FIG.39(>93)

73,
Bill

=====
Bill Smith KO4NR

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# 1991. Re: [TS-850_450_690] ARRL Handbook Article Needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-11 13:59:35 UTC
From: Bill K0ZL
Topic: 1990  Message: 1991

What year?

--- Bill Smith <ko4nrbs@...> wrote:
> Does anyone have a copy of this article? I want to
> build the Tow Tone Generator described in it using a
> FAR Circuits PC board.
>
> ARRL HB CHP25 FIG.51 (88-91) AND CHP25 FIG.39(>93)
>
> 73,
> Bill
>
>
> =====
> Bill Smith KO4NR
>
> _____
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>

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"If in doubt, MODIFY" --k0zl

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# 1992. Re: [TS-850_450_690] ARRL Handbook Article Needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-11 14:14:47 UTC
From: Bill Smith
Topic: 1990  Message: 1992

I didn't get that!!

I'll find out.

73,
Bill
--- Bill K0ZL <coorsbill@...> wrote:
> What year?
>
>
> --- Bill Smith <ko4nrbs@...> wrote:
> > Does anyone have a copy of this article? I want
> to
> > build the Tow Tone Generator described in it using
> a
> > FAR Circuits PC board.
> >
> > ARRL HB CHP25 FIG.51 (88-91) AND CHP25 FIG.39(>93)
> >
> > 73,
> > Bill
> >
> >
> > =====
> > Bill Smith KO4NR
> >
> > _____________________________________
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> > online.
> > http://taxes.yahoo.com/filing.html
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> "If in doubt, MODIFY" --k0zl
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=====
Bill Smith KO4NR

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# 1993. Dead TS-850 come alive!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-11 15:09:07 UTC
From: Karl
Topic: 1993  Message: 1993

I posted some questions re this dead machine some time ago. The
symptoms was code: UL and no sign of life.
I now changed the IC1 on the CAR-board, the last old one of the four
DDS-chips.
Buttoned it up again, pushed the button.......and there it was
again, working like never before.
Wonderful, and thanks for all help in finding the fault.
Karl LA1CU

# 1994. MC-50 mic For Sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-11 20:30:06 UTC
From: W. Hansen
Topic: 1994  Message: 1994

I have a Kenwood MC-50 mic for sale on eBay.

Click on this link to see it:
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=3077155117&category=48707

Thanks,

Bill

=====
http://RoyaltyFreePhotos.com
**********
**********

---
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# 1995. Re: [TS-850_450_690] Re: Ts-450 backup battery check

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-12 21:57:47 UTC
From: Jean-Guy
Topic: 1987  Message: 1995

Would like to print and keep that report about the 450 backup, in time i am sure i will be in need of it, as 450 is about 10 yrs old not. Forr some strange reason the link does not work for me, anybody has a better link or different url for it.
de Jean-Guy/ve9buf

----- Original Message -----
From: Larry Nixon
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, February 10, 2004 9:39 PM
Subject: [TS-850_450_690] Re: Ts-450 backup battery check

replaced mine a year or two back...

http://www.geocities.com/lfnca/450bat/450sat_battery.htm

--- In TS-850_450_690@yahoogroups.com, "hahollme"
<hannu.hollmen@k...> wrote:
> Hi!
>
> Could somebody write a step-by-step guide of how to get my hands on
the ts-450 backup battery ?
>
> 73's
> Hannu OH1HAQ

THANKS FOR USING TS-850_450_690@...

---

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 1996. Re: [TS-850_450_690] Re: Ts-450 backup battery check

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-12 22:34:55 UTC
From: RobertV
Topic: 1987  Message: 1996

I have emailed a Zipped copy of the page to Jean-Guy.
Hope this helps.

Robert
MM0ANT

At 12/02/2004 21:57, you wrote:

>Would like to print and keep that report about the 450 backup, in time i am sure i will be in need of it, as 450 is about 10 yrs old not. Forr some strange reason the link does not work for me, anybody has a better link or different url for it.
>de Jean-Guy/ve9buf

"The man who can make a good tag line is a man better than I." Robertv!

# 1997. Re: [TS-850_450_690] Re: Ts-450 backup battery check

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-13 15:10:10 UTC
From: Bill K0ZL
Topic: 1987  Message: 1997

Thanks Robert!

If you would not mind posting a copy to our FILES
section (with credit given to the creator of course) I
am sure the group would appreciate it.

73,

Bill

--- RobertV <mail@...> wrote:
> I have emailed a Zipped copy of the page to
> Jean-Guy.
> Hope this helps.
>
> Robert
> MM0ANT
>

=====

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# 1998. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-13 15:36:16 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 1998

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /450sat_Battery_Replacement.zip
Uploaded by : mm0ant <mail@...>
Description : TS450 Backup Battery Replacement.

You can access this file at the URL

http://groups.yahoo.com/group/TS-850_450_690/files/450sat_Battery_Replacement.zip

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

mm0ant <mail@...>

# 1999. Re: [TS-850_450_690] New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-14 00:00:02 UTC
From: Bill K0ZL
Topic: 421  Message: 1999

I downloaded this particular file and opened it up,
and unzipped it... it has some good pictures of the
mod to add and "external/internal" battery holder to
the 450 but the original formatting and whatnot of the
page is lost.

bill

--- TS-850_450_690@yahoogroups.com wrote:
>
> Hello,
>
> This email message is a notification to let you know
> that
> a file has been uploaded to the Files area of the
> TS-850_450_690
> group.
>
> File : /450sat_Battery_Replacement.zip
> Uploaded by : mm0ant <mail@...>
> Description : TS450 Backup Battery Replacement.
>
> You can access this file at the URL
>
>
http://groups.yahoo.com/group/TS-850_450_690/files/450sat_Battery_Replacement.zip
>
>
> To learn more about file sharing for your group,
> please visit
>
> http://help.yahoo.com/help/us/groups/files
>
> Regards,
>
> mm0ant <mail@...>
>
>
>
>
>

=====

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# 2000. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-14 00:46:02 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 2000

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /TS450 battery replacement.mht
Uploaded by : k0zl <coorsbill@...>
Description : Memory batt, mod to external holder (inside rig). Thanks VE7LFN. de K0ZL

You can access this file at the URL

http://groups.yahoo.com/group/TS-850_450_690/files/TS450%20battery%20replacement.mht

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

k0zl <coorsbill@...>

# 2001. Re: Ts-450 backup battery check

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-14 06:45:47 UTC
From: Larry Nixon
Topic: 1987  Message: 2001

Hmmm, I would have preferred to have been asked first but there it is. I hope my page helps those with the battery problem. I got to mine just as it started to leak. I did two 450's the same day, the other one had no leakage and both were bought at the same time.

I have added a link to my page in the links section. If anyone else is having trouble with the link please let me know.

Larry
VE7LFN

# 2002. Re: [TS-850_450_690] Re: Ts-450 backup battery check

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-14 12:54:19 UTC
From: Bill K0ZL
Topic: 1987  Message: 2002

Thanks Larry.

b

--- Larry Nixon <lfnca@...> wrote:
> Hmmm, I would have preferred to have been asked
> first but there it
> is. I hope my page helps those with the battery
> problem. I got to
> mine just as it started to leak. I did two 450's
> the same day, the
> other one had no leakage and both were bought at the
> same time.
>
> I have added a link to my page in the links section.
> If anyone else
> is having trouble with the link please let me know.
>
> Larry
> VE7LFN
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2003. Tuner troubles

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-14 20:49:26 UTC
From: Terry Oates
Topic: 2003  Message: 2003

Wonder if someone could help. I just bought a TS450AT and just love the audio. But the autotuner is dead. It doesn't respond to either the auto or the manual tune mode(no lights, sound, nothing). It seems like the processor is inhibiting the tuner. The rig does have the factory MARS mod but was told the tuner was working. Any ideas???
p.s. the memory battery had just started to leak but there was no damage on the board.
73, KB5IYB

# 2004. Re: [TS-850_450_690] Tuner troubles

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-15 01:32:03 UTC
From: Bill K0ZL
Topic: 2003  Message: 2004

There is a trace on the board that runs under the mem
batt that carries 12v to the AT unit... it's probably
damaged. Look for traces with any discoloration at
all, under the battery area, and bypass it with a
piece of #30 Kynar wire-wrap wire or something
similar.

b

--- Terry Oates <kb5iyb@...> wrote:
> Wonder if someone could help. I just bought a
> TS450AT and just love
> the audio. But the autotuner is dead. It doesn't
> respond to either
> the auto or the manual tune mode(no lights, sound,
> nothing). It
> seems like the processor is inhibiting the tuner.
> The rig does have
> the factory MARS mod but was told the tuner was
> working. Any
> ideas???
> p.s. the memory battery had just started to leak
> but there was no
> damage on the board.
> 73, KB5IYB
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2005. Re: [TS-850_450_690] Tuner troubles

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-15 01:47:25 UTC
From: Tim Hoy
Topic: 2003  Message: 2005

Make sure that the power-on selection function for the antenna tuner
is "on". Not sure of the funtion number, it's #20 on the 850. You
also togle the linear amp relay on the menu.
Good luck,
Tim

--- Terry Oates <kb5iyb@...> wrote:
> Wonder if someone could help. I just bought a TS450AT and just
> love
> the audio. But the autotuner is dead. It doesn't respond to
> either
> the auto or the manual tune mode(no lights, sound, nothing). It
> seems like the processor is inhibiting the tuner. The rig does
> have
> the factory MARS mod but was told the tuner was working. Any
> ideas???
> p.s. the memory battery had just started to leak but there was no
> damage on the board.
> 73, KB5IYB
>
>
>

# 2006. Re: Tuner troubles

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-15 03:03:23 UTC
From: Terry Oates
Topic: 2003  Message: 2006

I fount it. The radio was set to external tuner which disabled the internal tuner. Thanks to all that replied.
KB5IYB

--- In TS-850_450_690@yahoogroups.com, "Terry Oates" <kb5iyb@s...> wrote:
> Wonder if someone could help. I just bought a TS450AT and just love
> the audio. But the autotuner is dead. It doesn't respond to either
> the auto or the manual tune mode(no lights, sound, nothing). It
> seems like the processor is inhibiting the tuner. The rig does have
> the factory MARS mod but was told the tuner was working. Any
> ideas???
> p.s. the memory battery had just started to leak but there was no
> damage on the board.
> 73, KB5IYB

# 2007. TS-850- fix or bail out ...????

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-15 02:47:57 UTC
From: jim999us
Topic: 2007  Message: 2007

```
.......................
TS-850 Dilemma. Have repaired or sell for Parts?? .??????????????/
.........................
```

This TS-850 I've had for around 10 years bought it from original owner.. I love the thing works beautifully when it works.

Don't know what I would buy to replace it .

It's had a few of the common 850 problems; all resolved, but now the symptoms point to the need for one or more DDS chips or perhaps the whole PCB XXXXX....

Looking for advice on what to do at this point ☐ or offers to buy: as-is

Thanks,

Jim, K7AYO
Vancouver, WA
360-573-6394

# 2008. Re: [TS-850_450_690] New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-15 12:10:05 UTC
From: Jean-Guy
Topic: 421  Message: 2008

Morning Bill, concerning the above file, did look at it and kind of liked it better than original, as the pics where a lot bigger, at that time i did not noticed the formatting of the page or anything, hi. Now looking for file again to print it and it wont come up on yahoo group, was it pulled off ??
Not that there is nothing wrong with original, but pics were better on this one.
73 de Jean-Guy/ve9buf

----- Original Message -----
From: Bill K0ZL
To: TS-850_450_690@yahoogroups.com
Sent: Friday, February 13, 2004 8:00 PM
Subject: Re: [TS-850_450_690] New file uploaded to TS-850_450_690

I downloaded this particular file and opened it up,
and unzipped it... it has some good pictures of the
mod to add and "external/internal" battery holder to
the 450 but the original formatting and whatnot of the
page is lost.

bill

--- TS-850_450_690@yahoogroups.com wrote:
>
> Hello,
>
> This email message is a notification to let you know
> that
> a file has been uploaded to the Files area of the
> TS-850_450_690
> group.
>
> File : /450sat_Battery_Replacement.zip
> Uploaded by : mm0ant <mail@...>
> Description : TS450 Backup Battery Replacement.
>
> You can access this file at the URL
>
>
http://groups.yahoo.com/group/TS-850_450_690/files/450sat_Battery_Replacement.zip
>
>
> To learn more about file sharing for your group,
> please visit
>
> http://help.yahoo.com/help/us/groups/files
>

> Regards,
>
> mm0ant <mail@...>
>
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2009. Re: New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-16 01:18:57 UTC
From: Larry Nixon
Topic: 421  Message: 2009

The page is mine and there is a black banner with yellow printing just before the steps which tells you that by clicking on the small pics you will be taken to a larger version. I had considered putting all the large pics on the main page but if someone wanted to print it off its better with the small ones.

There is a link to it in the "Links" section of the TS-850_450_690 group page but the URL is

http://www.geocities.com/lfnca/450bat/450sat_battery.htm

hope it helps.
73
VE7LFN

~~~~~~~~~~~~~~~~~~~~~~~
--- In TS-850_450_690@yahoogroups.com, "Jean-Guy" <jglandry50@r...>
wrote:
> Morning Bill, concerning the above file, did look at it and kind of liked it better than original, as the pics where a lot bigger, at that time i did not noticed the formatting of the page or anything, hi. Now looking for file again to print it and it wont come up on yahoo group, was it pulled off ??
> Not that there is nothing wrong with original, but pics were better on this one.
> 73 de Jean-Guy/ve9buf
~~~~~~~~~~~~~~~~~~~~~~~

# 2010. Re: [TS-850_450_690] New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-15 12:29:01 UTC
From: AG1P - Ron Potter
Topic: 421  Message: 2010

Hello,

When I click on the link and sign in to Yahoo, I get following message :

The requested file or directory is not found on the server.

What am I doing wrong?

73

Ron

----- Original Message -----
From: TS-850_450_690@yahoogroups.com
To: TS-850_450_690@yahoogroups.com
Sent: Friday, February 13, 2004 10:36 AM
Subject: [TS-850_450_690] New file uploaded to TS-850_450_690

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /450sat_Battery_Replacement.zip
Uploaded by : mm0ant <mail@...>
Description : TS450 Backup Battery Replacement.

You can access this file at the URL

http://groups.yahoo.com/group/TS-850_450_690/files/450sat_Battery_Replacement.zip

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

mm0ant <mail@...>

THANKS FOR USING TS-850_450_690@...

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Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2011. Re: [TS-850_450_690] New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-16 14:27:25 UTC
From: Bill K0ZL
Topic: 421  Message: 2011

I took it down due to copyright concerns.

Contact me off-line.

73,

Bill

--- Jean-Guy <jglandry50@...> wrote:
> Morning Bill, concerning the above file, did look at
> it and kind of liked it better than original, as the
> pics where a lot bigger, at that time i did not
> noticed the formatting of the page or anything, hi.
> Now looking for file again to print it and it wont
> come up on yahoo group, was it pulled off ??
> Not that there is nothing wrong with original, but
> pics were better on this one.
> 73 de Jean-Guy/ve9buf
>
> ----- Original Message -----
> From: Bill K0ZL
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, February 13, 2004 8:00 PM
> Subject: Re: [TS-850_450_690] New file uploaded to
> TS-850_450_690
>
>
> I downloaded this particular file and opened it
> up,
> and unzipped it... it has some good pictures of
> the
> mod to add and "external/internal" battery holder
> to
> the 450 but the original formatting and whatnot of
> the
> page is lost.
>
> bill
>
> --- TS-850_450_690@yahoogroups.com wrote:
> >
> > Hello,
> >
> > This email message is a notification to let you
> know
> > that

> > a file has been uploaded to the Files area of
> the
> > TS-850_450_690
> > group.
> >
> > File : /450sat_Battery_Replacement.zip
> > Uploaded by : mm0ant <mail@...>
> > Description : TS450 Backup Battery
> Replacement.
> >
> > You can access this file at the URL
> >
> >
>
>
http://groups.yahoo.com/group/TS-850_450_690/files/450sat_Battery_Replacement.zip
> >
> >
> > To learn more about file sharing for your group,
> > please visit
> >
> > http://help.yahoo.com/help/us/groups/files
> >
> > Regards,
> >
> > mm0ant <mail@...>
> >
> >
> >
> >
> >
>
>
> =====
>
> "If in doubt, MODIFY" --k0zl
>
> Need a tech? See our website
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>
>
>
>
> _____________________________________
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> online.
> http://taxes.yahoo.com/filing.html
>
>

> THANKS FOR USING TS-850_450_690@...
>
>
>
>
---
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an
> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

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"If in doubt, MODIFY" --k0zl

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# 2012. filter selection on 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-16 16:25:52 UTC
From: desmoface
Topic: 2012  Message: 2012

Hey gang, I notice in this picture, http://tinyurl.com/yqoh8 that the 885 filter selection has no lights lit in it.. I know on my 450 you can select a "thru" but alwyas have a light on in the selection area. I'm wondering if this is true on the 850? I'm considering bidding on this rig and want to make sure it's ok before I do. Thanks in advance.

Steve
kb8viv

# 2013. Re: [TS-850_450_690] filter selection on 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-16 16:46:06 UTC
From: Bill K0ZL
Topic: 2012  Message: 2013

If the 8.83 filter is turned off, nothing lights up.
That is the "superwide" 8.83 filter.

b

--- desmoface <Kb8viv@...> wrote:
> Hey gang, I notice in this picture,
> http://tinyurl.com/yqoh8
> that the 885 filter selection has no lights lit in
> it.. I know on my
> 450 you can select a "thru" but alwyas have a light
> on in the
> selection area. I'm wondering if this is true on
> the 850? I'm
> considering bidding on this rig and want to make
> sure it's ok before
> I do. Thanks in advance.
>
> Steve
> kb8viv
>
>
>

=====

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# 2014. Re: [TS-850_450_690] filter selection on 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-16 18:24:54 UTC
From: Kb8viv@aol.com
Topic: 2012  Message: 2014

In a message dated 2/16/04 8:47:15 AM Pacific Standard Time,
coorsbill@... writes:
If the 8.83 filter is turned off, nothing lights up.
That is the "superwide" 8.83 filter.
Ahhh...Ok, thanks for the info, Bill..

Steve
kb8viv

[Non-text portions of this message have been removed]

# 2015. RTTY with my PC and TS-850???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-17 20:05:36 UTC
From: W. Hansen
Topic: 2015  Message: 2015

Is there a quick and easy 'software' solution to running RTTY on my
TS-850 or do I need to get a TNC?

Thanks,

Bill

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# 2016. RE: [TS-850_450_690] RTTY with my PC and TS-850???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-17 20:17:10 UTC
From: ac7nj@donobi.net
Topic: 2015  Message: 2016

Yes there is:

There are many ways to use the sound card as a RTTY modem

I like MixW

Randy Williamson AC7NJ

129 F Street Southeast

Ephrata, Washington 98823-1914

(509)754-2990

-----Original Message-----
From: W. Hansen [mailto:rfpexec@...]
Sent: Tuesday, February 17, 2004 20:06
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] RTTY with my PC and TS-850???

Is there a quick and easy 'software' solution to running RTTY on my
TS-850 or do I need to get a TNC?

Thanks,

Bill

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THANKS FOR USING TS-850_450_690@...

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Yahoo! Groups Links

* To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

* To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscrib
e>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of
<http://docs.yahoo.com/info/terms/> Service.

[Non-text portions of this message have been removed]

# 2017. RE: [TS-850_450_690] RTTY with my PC and TS-850???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-17 20:23:34 UTC
From: w9sz@prairienet.org
Topic: 2015  Message: 2017

I've tried MixW and MMTTY, but to tell the truth, my PK232MBX/DSP runs circles around both programs because of its filtering. But if you don't want to buy the TNC, the software programs will allow you to get active on that mode.

"You pays yer money and you takes yer choice!" :-)

73, Zack W9SZ

> Yes there is:
>
> There are many ways to use the sound card as a RTTY modem
>
> I like MixW
>
> Randy Williamson AC7NJ
>

# 2018. Re: [TS-850_450_690] RTTY with my PC and TS-850???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-17 20:51:44 UTC
From: Bill K0ZL
Topic: 2015  Message: 2018

I use MMTTY, free and works well with any sound card
interface.

b

--- "W. Hansen" <rfpexec@...> wrote:
>
> Is there a quick and easy 'software' solution to
> running RTTY on my
> TS-850 or do I need to get a TNC?
>
> Thanks,
>
> Bill
>
>
> _____________________________________
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>

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# 2019. Re: RTTY with my PC and TS-850???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-19 16:13:41 UTC
From: evilkalla
Topic: 2015  Message: 2019

> Is there a quick and easy 'software' solution to running RTTY on my
> TS-850 or do I need to get a TNC?

I have used MixW with great success.

Has anyone tried the MixW USB interface? It looks like it might be
the end-all solution for connecting MixW to your rig, but the price
is a little steep ...

Walton C. Gibson
K4LLA

# 2020. RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-20 01:34:29 UTC
From: W. Hansen
Topic: 2020  Message: 2020

As per my inquiry the other day about running RTTY on my TS-850, I went with the MMTTY program as suggested by several people. WOW, that is a slick program...and it's free too. I made the cables for the 850 and my PC, that was a piece of cake...once I found the parts.

I turned every thing on and it worked on the first try.

The program takes a few minutes to figure out...especially if you don't bother to read the instructions. Anybody can do it by reading the instructions it's more of a challenge if you don't.

I can say enough about the MMTTY program. It is quite sophisticated yet very easy to use. You can't go wrong using it.

The only think I found out was that these are not a hell of a lot of people to talk to on RTTY. True, I am not in the greatest location in the world, but I still did not hear a lot of stations on, especially late at night.

Well, next I will try CW with the 850 and my PC.

I want to sincerely that everyone on and off the list that sent me suggestions and offered their help.

Regards,

Bill
k0owo

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http://antispam.yahoo.com/tools

# 2021. Re: [TS-850_450_690] RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-20 02:45:22 UTC
From: Bill K0ZL
Topic: 2020  Message: 2021

Hi Bill

More activity on weekends for sure, and there are LOTS
of rtty contests each year.

try 3610 at night

b

--- "W. Hansen" <rfpexec@...> wrote:
> As per my inquiry the other day about running RTTY
> on my TS-850, I went
> with the MMTTY program as suggested by several
> people. WOW, that is a
> slick program...and it's free too. I made the
> cables for the 850 and
> my PC, that was a piece of cake...once I found the
> parts.
>
> I turned every thing on and it worked on the first
> try.
>
> The program takes a few minutes to figure
> out...especially if you don't
> bother to read the instructions. Anybody can do it
> by reading the
> instructions it's more of a challenge if you don't.
>
> I can say enough about the MMTTY program. It is
> quite sophisticated
> yet very easy to use. You can't go wrong using it.
>
> The only think I found out was that these are not a
> hell of a lot of
> people to talk to on RTTY. True, I am not in the
> greatest location in
> the world, but I still did not hear a lot of
> stations on, especially
> late at night.
>
> Well, next I will try CW with the 850 and my PC.
>
> I want to sincerely that everyone on and off the
> list that sent me
> suggestions and offered their help.
>

> Regards,
>
> Bill
> k0owo
>
> _____
> Do you Yahoo!?
> Yahoo! Mail SpamGuard - Read only the mail you want.
> http://antispam.yahoo.com/tools
>

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# 2022. 2SK125 FET

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-23 02:50:45 UTC
From: Dennis, Philippines low budget dxer
Topic: 2022  Message: 2022

Hello All,

I'm trying to troubleshoot my IC-R71E and I suspect that the two
2SK125 FET is damaged

Can someone please provide me a suitable equivalent FET in case I
can't find this FET here in the Philippines?

The FET of the TS-440 is exactly the same.

Has anyone replaced this FET with better, more sensitive one?

Are FET static sensitive that I have to be careful when buying new
ones (wrap them in aluminum foil?)

That's about it.

Thanks in advance

Regards from the warm, sunny & tropical island resort of Bohol in the
Philippines

Dennis
Crossposted on the TS-440

# 2023. Hey Bill....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-23 04:28:36 UTC
From: smatda
Topic: 2023  Message: 2023

Just wated to say hi...I'm listening to you right now on 3560
chatting with W8SH!!. You're about an S unit under the noise (S3)
and the static crashes are wiping you out!

Steve, KE4MOB

# 2024. Re: [TS-850_450_690] Hey Bill....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-23 17:18:33 UTC
From: Bill K0ZL
Topic: 2023  Message: 2024

Well congrats, that was 4.0 watts to a sloper antenna!
hi hi.. we barely made a QSO. He was in NJ and I
thought it was W2SH... but I will have to look at the
log again.

Why not break in? I can QRO to 600 watts if needed.
Will probably be on there again tonight. Of course, I
would QSY as that is the QRP freq...

hi!

73,

Bill

--- smatda <smatda@...> wrote:
> Just wated to say hi...I'm listening to you right
> now on 3560
> chatting with W8SH!!. You're about an S unit under
> the noise (S3)
> and the static crashes are wiping you out!
>
> Steve, KE4MOB
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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http://antispam.yahoo.com/tools

# 2025. my first post and i need help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-24 00:07:09 UTC
From: nworbekim
Topic: 2025  Message: 2025

i bought a nice kenwood 450sat earlier this month and love it... its smooth as silk...

but....

yesterday morning, the vfo unlocked... all i hear now is CW blasting out U - L which i found to mean unlocked...

i talked to the people in the store where i bought it and they asked me to ship it back, they'll take a look at it and decide what to do...

send it to kenwood to be fixed, or refund me $$$...

i'd rather have the rig back... WORKING!

any suggestions on this? my old 440S did this, but i fixed it by cleaning the gunky black stuff out of the vco section of the board...

worked great until lightning hit it <grin>...

thanks
de KM4IY

# 2026. TS-850S Distorted audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-24 01:00:17 UTC
From: ac7nj@donobi.net
Topic: 2026  Message: 2026

I have tried to connect my TNC to the TS-850S but if the cord is connected I can't use SSB mode with out disconnecting the ACC 13 pin cord.

I remember something about this from the past but can't remember what it was?

Randy Williamson AC7NJ

129 F Street Southeast

Ephrata, Washington 98823-1914

(509)754-2990

[Non-text portions of this message have been removed]

# 2027. Re: [TS-850_450_690] my first post and i need help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-24 01:41:35 UTC
From: Bill K0ZL
Topic: 2025  Message: 2027

here is a note I have on recent repair, same symptoms:

SOLDERED TC1 ON VCO 2

I would suggest that their tech try this if he is
willing; if not, find tech to try it for ya

b

--- nworbekim <mbrown@...> wrote:
> i bought a nice kenwood 450sat earlier this month
> and love it... its
> smooth as silk...
>
> but....
>
> yesterday morning, the vfo unlocked... all i hear
> now is CW blasting
> out U - L which i found to mean unlocked...
>
> i talked to the people in the store where i bought
> it and they asked
> me to ship it back, they'll take a look at it and
> decide what to
> do...
>
> send it to kenwood to be fixed, or refund me $$$...
>
> i'd rather have the rig back... WORKING!
>
> any suggestions on this? my old 440S did this, but
> i fixed it by
> cleaning the gunky black stuff out of the vco
> section of the board...
>
> worked great until lightning hit it <grin>...
>
> thanks
> de KM4IY
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2028. Re: [TS-850_450_690] TS-850S Distorted audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-24 01:43:02 UTC
From: Bill K0ZL
Topic: 2026  Message: 2028

When the PTT is keyed from the ACC connector, it mutes
the front panel. Are you using the TNC to key the rig
for voice?

Are you running the TNC audio in thru the mic but
keying it from the ACC conn? That will kill the audio.

You need to key it from same conn that you feed audio
from/to

--- ac7nj@... wrote:
> I have tried to connect my TNC to the TS-850S but if
> the cord is
> connected I can't use SSB mode with out
> disconnecting the ACC 13 pin
> cord.
>
> I remember something about this from the past but
> can't remember what
> it was?
>
>
>
> Randy Williamson AC7NJ
>
> 129 F Street Southeast
>
> Ephrata, Washington 98823-1914
>
> (509)754-2990
>
>
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>
>
>
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>
> [Non-text portions of this message have been
> removed]
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>

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# 2029. RE: [TS-850_450_690] TS-850S Distorted audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-24 02:14:43 UTC
From: ac7nj@donobi.net
Topic: 2026  Message: 2029

I don't use the TNC to key the radio for voice I use the hand mic.
(The TNC is powered off)

If I unplug the TNC from the ACC plug everything is OK

When I'm using the TNC I disconnect the mic physically by un plugging
it.

Randy Williamson AC7NJ

129 F Street Southeast

Ephrata, Washington 98823-1914

(509)754-2990

-----Original Message-----
From: Bill K0ZL [mailto:coorsbill@...]
Sent: Tuesday, February 24, 2004 01:43
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850S Distorted audio

When the PTT is keyed from the ACC connector, it mutes
the front panel. Are you using the TNC to key the rig
for voice?

Are you running the TNC audio in thru the mic but
keying it from the ACC conn? That will kill the audio.

You need to key it from same conn that you feed audio
from/to

--- ac7nj@... wrote:
> I have tried to connect my TNC to the TS-850S but if
> the cord is
> connected I can't use SSB mode with out
> disconnecting the ACC 13 pin
> cord.
>
> I remember something about this from the past but
> can't remember what
> it was?
>
>
>
> Randy Williamson AC7NJ
>
> 129 F Street Southeast

>
> Ephrata, Washington 98823-1914
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> (509)754-2990
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> [Non-text portions of this message have been
> removed]
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>

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"If in doubt, MODIFY" --k0zl

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THANKS FOR USING TS-850_450_690@...

-----

Yahoo! Groups Links

* To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

* To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscrib
e>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of
<http://docs.yahoo.com/info/terms/> Service.

[Non-text portions of this message have been removed]

# 2030. Re: TS-850S Distorted audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-24 05:41:11 UTC
From: Max
Topic: 2026  Message: 2030

Randy,

Not sure which model TNC you are using, but there are a couple of notes on www.mods.dk dealing with distorted audio on TX with a TNC connected. By reading the posts though I guess the impression they are talking more about TNC audio being distorted. Here is one clipping...

Hi if you are using the ACC-2 connector to interface with your multi-mode controller, you may have had a problem with your transmitted audio signal being distorted, to eliminate this see bellow.

Set your meter on the radio to read ALC
PK232 OWNERS: if alsso using a VHF tranceiver, adjust the AFSK level for proper VHF operation as expalained in chapter 3 of the operating manual.If not adjust for proper SSB operation.

DSP - 1232 / DSP - 2232 Owners: Adjust the appropriate AFSK level control for proper SSB operation as expalined in chapter 3 of the operating manual.
Place the TNC in calibrate mode and press K to key the radio.
Adjust VR-13 on the TS-450 or VR-18 on the TS-850 so that the meter "Just comes off the peg" as described in the section titled "SSB Tranciever Final Adjustments" (in the TNC operating manual).
Press Q to quit the CALIBRATE mode
This modification should not affect any of the other normal operations of the radio..
Copy of service bulletin from AEA

Again it sounds to me like they are talking about the TNC audio signal. The first thing I would try is placing a 600:600 ohm transformer in between your TNC audio line and the 850. This will isolate the TNC's audio circuit from the rig. Sounds like you are getting some audio coupling from the TNC into your audio stage.

Keep us updated.

Max

# 2031. RE: [TS-850_450_690] Re: TS-850S Distorted audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-24 14:08:04 UTC
From: ac7nj@donobi.net
Topic: 2026  Message: 2031

TNX Max

I have also found where I need to power the TNC form a different
power source no explanation as to why but the report said it works.
I'll try that today

Randy Williamson AC7NJ

129 F Street Southeast

Ephrata, Washington 98823-1914

(509)754-2990

-----Original Message-----
From: Max [mailto:ve3tmt@...]
Sent: Tuesday, February 24, 2004 05:41
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-850S Distorted audio

Randy,

Not sure which model TNC you are using, but there are a couple of
notes on www.mods.dk dealing with distorted audio on TX with a TNC
connected. By reading the posts though I guess the impression they
are talking more about TNC audio being distorted. Here is one
clipping...

Hi if you are using the ACC-2 connector to interface with your multi-
mode controller, you may have had a problem with your transmitted
audio signal being distorted, to eliminate this see bellow.

Set your meter on the radio to read ALC
PK232 OWNERS: if alsso using a VHF tranceiver, adjust the AFSK level
for proper VHF operation as expalained in chapter 3 of the operating
manual.If not adjust for proper SSB operation.

DSP - 1232 / DSP - 2232 Owners: Adjust the appropriate AFSK level
control for proper SSB operation as expalined in chapter 3 of the
operating manual.
Place the TNC in calibrate mode and press K to key the radio.
Adjust VR-13 on the TS-450 or VR-18 on the TS-850 so that the
meter "Just comes off the peg" as described in the section
titled "SSB Tranciever Final Adjustments" (in the TNC operating
manual).
Press Q to quit the CALIBRATE mode
This modification should not affect any of the other normal
operations of the radio..

Copy of service bulletin from AEA

Again it sounds to me like they are talking about the TNC audio signal. The first thing I would try is placing a 600:600 ohm transformer in between your TNC audio line and the 850. This will isolate the TNC's audio circuit from the rig. Sounds like you are getting some audio coupling from the TNC into your audio stage.

Keep us updated.

Max

THANKS FOR USING TS-850_450_690@...

---

Yahoo! Groups Links

* To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

* To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscrib
e>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of
<http://docs.yahoo.com/info/terms/> Service.

[Non-text portions of this message have been removed]

# 2032. Re: TS-850S Distorted audio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-24 16:41:23 UTC
From: Max
Topic: 2026  Message: 2032

--- In TS-850_450_690@yahoogroups.com, <ac7nj@d...> wrote:
> TNX Max
>
> I have also found where I need to power the TNC form a different
> power source no explanation as to why but the report said it works.
> I'll try that today

I can understand that perfectly Randy. If I run my Smartlock for my tuner from the same supply as my rig I get distorted audio now that I think about it. Let us know if that works,

Max

# 2033. Newbie

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-24 21:04:19 UTC
From: frank
Topic: 2033  Message: 2033

Hi

Just a short to introduce myself to the group.

Been a ham since 1965 and recently bought a TS-850 in perfect condx.
It´s a perfect rig and will follow this group in all it´s collective know-how.

73/Frank /SM5QU

[Non-text portions of this message have been removed]

# 2034. Re: Newbie

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-24 21:23:12 UTC
From: Max
Topic: 2033  Message: 2034

--- In TS-850_450_690@yahoogroups.com, "frank" <frank@s...> wrote:
> Hi
>
> Just a short to introduce myself to the group.
>
> Been a ham since 1965 and recently bought a TS-850 in perfect condx.
> It´s a perfect rig and will follow this group in all it´s
collective know-how.
>
> 73/Frank /SM5QU

Welcome to the group Frank,

Max

# 2035. 450sat on way to kenwood update

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-27 02:08:42 UTC
From: nworbekim
Topic: 2035  Message: 2035

sent the rig back to the store, they verified what i'd said was true
and sent it on to kenwood...

the deal is that if it doesn't cost them more than they want to pay,
they will repair it under their 30 day warranty...

if it cost more, they will give me the choice of a refund, or allow
me credit toward an exchange...

after having dealt with some mail-order computer companies that
seemed to try every wiggle possible to dishonor a warranty, this
really feels great to be treated fairly... i've ordered stuff from
them before and always been treated nicely...

one of the rigs in the used list is a 690... is it a newer model
than the 450? it doesn't have an auto-tuner in it... are they
difficult to install or expensive?

i'd never used an auto-tuner before, but i got used to it in the
450sat and don't know if i wanna do without it...

seeya!

# 2036. Re: [TS-850_450_690] 450sat on way to kenwood update

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-27 02:36:42 UTC
From: blackdamp@yahoo.com
Topic: 2035  Message: 2036

the 690 is the same tranceiver as the 450 with the
addition of 6 meters, and as far as the autotuner, its
a snap to install.....73 DE NJ7B
--- nworbekim <mbrown@...> wrote:
> sent the rig back to the store, they verified what
> i'd said was true
> and sent it on to kenwood...
>
>
> the deal is that if it doesn't cost them more than
> they want to pay,
> they will repair it under their 30 day warranty...
>
> if it cost more, they will give me the choice of a
> refund, or allow
> me credit toward an exchange...
>
> after having dealt with some mail-order computer
> companies that
> seemed to try every wiggle possible to dishonor a
> warranty, this
> really feels great to be treated fairly... i've
> ordered stuff from
> them before and always been treated nicely...
>
> one of the rigs in the used list is a 690... is it
> a newer model
> than the 450? it doesn't have an auto-tuner in
> it... are they
> difficult to install or expensive?
>
> i'd never used an auto-tuner before, but i got used
> to it in the
> 450sat and don't know if i wanna do without it...
>
> seeya!
>
>

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# 2037. Re: [TS-850_450_690] 450sat on way to kenwood update

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-27 12:34:02 UTC
From: Bill K0ZL
Topic: 2035  Message: 2037

The 690 has 6 meters in it, so you will get a new band, but giving up the autotuner may not work for you. You have to decide if you need an autotuner, or want to try 6M.

We are going down in the solar cycle but there's lots of good openings to be worked yet and the slump only lasts a few years, then we will be on the upswing again. Ten meters is opening a lot, people just don't realize it.

b
--- nworbekim <mbrown@...> wrote:
> sent the rig back to the store, they verified what
> i'd said was true
> and sent it on to kenwood...
>
>
> the deal is that if it doesn't cost them more than
> they want to pay,
> they will repair it under their 30 day warranty...
>
> if it cost more, they will give me the choice of a
> refund, or allow
> me credit toward an exchange...
>
> after having dealt with some mail-order computer
> companies that
> seemed to try every wiggle possible to dishonor a
> warranty, this
> really feels great to be treated fairly... i've
> ordered stuff from
> them before and always been treated nicely...
>
> one of the rigs in the used list is a 690... is it
> a newer model
> than the 450? it doesn't have an auto-tuner in
> it... are they
> difficult to install or expensive?
>
> i'd never used an auto-tuner before, but i got used
> to it in the
> 450sat and don't know if i wanna do without it...
>
> seeya!

>
>

=====

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# 2038. Re: 450sat on way to kenwood update

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-27 02:39:01 UTC
From: blackdamp
Topic: 2035  Message: 2038

The 690 is the same tranceiver as the 450 with the addition of 6
meters, as far as the tuner, its a snap to install.....73 DE NJ7B

--- In TS-850_450_690@yahoogroups.com, "nworbekim" <mbrown@k...>
wrote:
> sent the rig back to the store, they verified what i'd said was
true
> and sent it on to kenwood...
>
>
> the deal is that if it doesn't cost them more than they want to
pay,
> they will repair it under their 30 day warranty...
>
> if it cost more, they will give me the choice of a refund, or allow
> me credit toward an exchange...
>
> after having dealt with some mail-order computer companies that
> seemed to try every wiggle possible to dishonor a warranty, this
> really feels great to be treated fairly... i've ordered stuff from
> them before and always been treated nicely...
>
> one of the rigs in the used list is a 690... is it a newer model
> than the 450? it doesn't have an auto-tuner in it... are they
> difficult to install or expensive?
>
> i'd never used an auto-tuner before, but i got used to it in the
> 450sat and don't know if i wanna do without it...
>
> seeya!

# 2039. DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-29 09:36:16 UTC
From: Karl
Topic: 1072  Message: 2039

Hi group.
I just want to let you know that I've listed a DSP-100, nice
condition on eBay. Low reserve.
73's de Karl

# 2040. Re: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-29 14:55:41 UTC
From: Max
Topic: 1072  Message: 2040

--- In TS-850_450_690@yahoogroups.com, "Karl" <la1cu@a...> wrote:
> Hi group.
> I just want to let you know that I've listed a DSP-100, nice
> condition on eBay. Low reserve.
> 73's de Karl

Karl,

I saw the auction on eBay. Good luck, you should have no trouble selling it. You might want to make a note on eBay that it is a 220V unit. Someone in the States might have trouble running it.

Max

# 2041. My TS850S is gone

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-02-29 14:57:23 UTC
From: Max
Topic: 2041  Message: 2041

Well gang I have let me 850 go. Due to constant noise problems and antenna restrictions I have traded my home setup for an Icom 706MKIIG with ATAS-120 antenna. I hope to be a lot more active on the HF bands from the car. Rest assured when I move this fall I will be looking for another one!

Max

# 2042. Re: [TS-850_450_690] My TS850S is gone

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-01 13:47:47 UTC
From: Bill K0ZL
Topic: 2041  Message: 2042

OK Max, please stay in the group!

73,

bill K0ZL

--- Max <ve3tmt@...> wrote:
> Well gang I have let me 850 go. Due to constant
> noise problems and
> antenna restrictions I have traded my home setup for
> an Icom
> 706MKIIG with ATAS-120 antenna. I hope to be a lot
> more active on
> the HF bands from the car. Rest assured when I move
> this fall I
> will be looking for another one!
>
> Max
>
>

=====

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# 2043. Re: My TS850S is gone

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-01 20:45:53 UTC
From: Max
Topic: 2041  Message: 2043

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> OK Max, please stay in the group!
>
> 73,
>
> bill K0ZL

What and give up you great guys! I'm not going anywhere. First
thing I buy after the house is another 850!!

Max

# 2044. Memory Channel recall

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-02 04:33:07 UTC
From: Zach
Topic: 2044  Message: 2044

Hey group

I am able to recall my memory channels, see the frequencies that i have programed in but am having trouble accualy listening to the programed frequencies, even when i rotate the mem/vfo ch knob

What am i doing wrong or not doing?

Thanks Zach K7LTF

# 2045. Re: [TS-850_450_690] Memory Channel recall

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-02 13:31:28 UTC
From: Bill K0ZL
Topic: 2044  Message: 2045

What are you hearing?

Is the squelch control turned up?

bill

--- Zach <k7ltf@...> wrote:
> Hey group
>
> I am able to recall my memory channels, see the
> frequencies that i
> have programed in but am having trouble accualy
> listening to the
> programed frequencies, even when i rotate the
> mem/vfo ch knob
>
> What am i doing wrong or not doing?
>
> Thanks Zach K7LTF
>
>

=====

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# 2046. antenna pictures

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-02 20:01:08 UTC
From: paul1372001
Topic: 2046  Message: 2046

Hi all,
I am looking for help. Can someone here have some pictures of
the Hy-Gain EXP-14 , 4 element / 4 bander (10-15-20-40). I bought one
and I'm looking for some help. If someone want to send private please
send via pol235@... Thanks in advance and 73's all
de'
9H1SP
Paul

# 2047. RTTY Hardware and computer controlled Software

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-02 23:50:06 UTC
From: Rob
Topic: 2047  Message: 2047

Hello Group,
I am new to the kenwood ts-690 which was picked up for a song and dance and have i been a long time swl and ham radio listener and which motivated me to take my no code tech on saturday. To my question now,I dont see a rs-231 on the back of the rig and was wondering how else one might have the rig to decode RTTY and maybe get lazy with my ibm thinkpad and control the rig using that.
73's
Rob

# 2048. Re: RTTY Hardware and computer controlled Software

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-03 00:07:29 UTC
From: Max
Topic: 2047  Message: 2048

Rob,

First of all, wlecome to the group. To answer your question...

The 450, 690 and 850 do not have built in RS232 capability. You have to use an external TTL -> RS-232 convertor. You can buy one for way too much or build your own for next to nothing. I built mine and it worked great with my TS850. There is a circuit diagram in the "files" section of the group. Total cost of mine including all parts was under $35 Canadian. For software I used MixW for working the digital modes and HRD (Ham Radio Deluxe) for rig control. Both worked just great and really added a new dimension to computer assisted radio. Information on both can be found on the net.

Max.

# 2049. Re: antenna pictures

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-03 00:10:35 UTC
From: Max
Topic: 2046  Message: 2049

--- In TS-850_450_690@yahoogroups.com, "paul1372001"
<paul1372001@y...> wrote:
> Hi all,
> I am looking for help. Can someone here have some pictures
of
> the Hy-Gain EXP-14 , 4 element / 4 bander (10-15-20-40). I bought
one
> and I'm looking for some help. If someone want to send private
please
> send via pol235@g... Thanks in advance and 73's all
> de'
> 9H1SP
> Paul

Paul, I replied off board. The manual is available here:

http://www.hy-gain.com/man/pdf/EXP-14.pdf

Geesh, I gotta get a life!!!

Max

# 2050. Re: [TS-850_450_690] antenna pictures

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-03 01:29:13 UTC
From: Tim Hoy
Topic: 2046  Message: 2050

Hi Paul,
Hope this will help.
73,
Tim, K6CA

paul1372001 <paul1372001@...> wrote:
Hi all,
I am looking for help. Can someone here have some pictures of
the Hy-Gain EXP-14 , 4 element / 4 bander (10-15-20-40). I bought one
and I'm looking for some help. If someone want to send private please
send via pol235@... Thanks in advance and 73's all
de'
9H1SP
Paul

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

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[Non-text portions of this message have been removed]

# 2051. Re: [TS-850_450_690] RTTY Hardware and computer controlled Software

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-03 01:42:32 UTC
From: Bill K0ZL
Topic: 2047  Message: 2051

Rob,

To decode RTTY all you need is MMTTY on your computer.
Then put your computer mic near your rig speaker and
tune the RTTY so that it sounds like it will shake the
filling out of your teeth (real high tones, not high
volume!)

http://www.qsl.net/mmhamsoft/

There is also a Yahoo group just for questions on this
cool free program.

As for computer control of the rig, that can be done.
I will let one of our computer control gurus answer
that one..

73,

Bill K0ZL

--- Rob <nightside_chicago@...> wrote:
> Hello Group,
> I am new to the kenwood ts-690 which was picked up
> for a song and
> dance and have i been a long time swl and ham radio
> listener and
> which motivated me to take my no code tech on
> saturday. To my
> question now,I dont see a rs-231 on the back of the
> rig and was
> wondering how else one might have the rig to decode
> RTTY and maybe
> get lazy with my ibm thinkpad and control the rig
> using that.
> 73's
> Rob
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2052. Re: [TS-850_450_690] Re: RTTY Hardware and computer controlled Software

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-03 05:50:55 UTC
From: Zack Widup
Topic: 2047  Message: 2052

On Wed, 3 Mar 2004, Max wrote:

> Rob,
>
> First of all, wlecome to the group. To answer your question...
>
> The 450, 690 and 850 do not have built in RS232 capability. You have
> to use an external TTL -> RS-232 convertor. You can buy one for way
> too much or build your own for next to nothing. I built mine and it
> worked great with my TS850. There is a circuit diagram in
> the "files" section of the group. Total cost of mine including all
> parts was under $35 Canadian. For software I used MixW for working
> the digital modes and HRD (Ham Radio Deluxe) for rig control. Both
> worked just great and really added a new dimension to computer
> assisted radio. Information on both can be found on the net.
>

I built a computer control interface for my TS-440 when I first got it that was based on a schematic in the ARRL Handbook. I had to add two IC's to the 440 to activate the computer control. I have a big junquebox and I think the whole thing cost maybe $10. All new parts would probably be $25 US.

When I bought my TS850 I was delighted to find the exact same socket with the same pin-out for the computer control port! We tried using the same box on a TS-940 and found out the connector was different. But I'm assuming it is the same for the 450 and 690.

73, Zack W9SZ

# 2053. Filters for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-04 00:21:46 UTC
From: merckxist
Topic: 2053  Message: 2053

For sale: YK-88C-1, 8830 khz 500 hz cw filter, YK-88SN-1, 8830 khz, 1800 hz ssb filter.Both filters are working pullouts from my own
TS-850.The YK-88C-1 has original box.Asking $75 each, plus postage.Offering here before eBay.If interested, reply direct.
Al
KJ5GT

# 2054. Re: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-04 10:40:08 UTC
From: Karl
Topic: 1072  Message: 2054

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "Karl" <la1cu@a...> wrote:
> > Hi group.
> > I just want to let you know that I've listed a DSP-100, nice
> > condition on eBay. Low reserve.
> > 73's de Karl
>
> Karl,
>
> I saw the auction on eBay. Good luck, you should have no trouble
> selling it. You might want to make a note on eBay that it is a
220V
> unit. Someone in the States might have trouble running it.
>
> Max

I'm aware. It shows on the picture, but I should maybe make a note.
Karl

# 2055. Re: [TS-850_450_690] Filters for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-05 21:35:32 UTC
From: kgshutt
Topic: 2053  Message: 2055

Hello Al,

If the 1800 Hz ssb filter is still available, I would like to purchase it.

Thanks,

Ken - K5GUU
----- Original Message -----
From: merckxist
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, March 03, 2004 6:21 PM
Subject: [TS-850_450_690] Filters for sale

For sale: YK-88C-1, 8830 khz 500 hz cw filter, YK-88SN-1, 8830 khz, 1800 hz ssb filter.Both filters are working pullouts from my own
TS-850.The YK-88C-1 has original box.Asking $75 each, plus postage.Offering here before eBay.If interested, reply direct.
Al
KJ5GT

THANKS FOR USING TS-850_450_690@...

---

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

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[Non-text portions of this message have been removed]

# 2056. Kenwood parts from europe? (mc-60)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-05 23:56:29 UTC
From: hahollme
Topic: 2056  Message: 2056

Hi!

I'm in need of a plastic mic holder cradle for my mc-60 mic. (part no. J19-1355-08)
$ 6 from PCP. I was unable to find this part from europe. Does anyone have a source?

If that fails I was wondering if someone could help me out and order it for me and then mail it to europe in an envelope ? That would lower the postage. I will, of course, cover all the expences. (I would think paypal would be the easiest way to pay )

73 de Hannu, OH1HAQ

# 2057. FOR SALE-- SYMETRIX 421 LEVELER

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-06 22:19:11 UTC
From: SJD N6RRV
Topic: 2057  Message: 2057

IM SELLING A SYMETRIX 421 LEVELER IN EXCELLENT CONDITION....IF YOU ARE INTO GREAT SOUNDING AUDIO OR INTERESTED IN CONTROLLING THE LOW SOUNDS SO THAT THEY ARE LOUDER AND KEEPING THE HIGH SOUNDS UNDER CONTROL, THAN THIS UNIT MAY BE OF INTEREST TO YOU. IT HAS A DOWNWARD EXPANDER, AGC-LEVELER, OUTPUT LIMITING AND A SPEECH CURVE....YOU SIMPLY SET THE THRESHOLD FOR THE LEVELS YOU WANT, AND THE UNIT DOES THE REST AUTOMATICALLY. I WILL SELL IT FOR $160 PLUS S/H IN CONUS. THE UNIT WORKS GREAT.

SCOTT J. DICKINSON, ESQ. N6RRV

[Non-text portions of this message have been removed]

# 2058. Clipperton AMP Cable

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-08 04:48:08 UTC
From: Duane
Topic: 2058  Message: 2058

Hello All,

I have a 850 and want to use a Clipperton AMP. Can anyone tell me if the cable pin out is the same for the 850 as it is for a 940? The owner of the AMP used it with his 940 and when I connect it to the 850 there isn't any amplified signal. All I see is the power from the 850. I have it running through a watt mtr and am using a dummy load. Also I do have the switch on the back of the 850 set to AMP on.

Thanks in advance
Duane, W9ZM

[Non-text portions of this message have been removed]

# 2059. Whats the Differences Between the 850 and 450???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-09 22:06:53 UTC
From: ft920yaesu1997
Topic: 2059  Message: 2059

Whats the Differences Between the 850 and 450???

Plus and minuses?
I want one or the other

Thanks
Scott

# 2060. Re: Whats the Differences Between the 850 and 450???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-10 01:06:20 UTC
From: Max
Topic: 2059  Message: 2060

--- In TS-850_450_690@yahoogroups.com, "ft920yaesu1997"
<ft920yaesu1997@y...> wrote:
> Whats the Differences Between the 850 and 450???
>
> Plus and minuses?
> I want one or the other
>
> Thanks
> Scott

Scott,

The only minus is that the 850 cost more. But for the price difference it is 5 times the radio. Dynamite receiver, excellent transmit audio, fantastic filtering. No DSP though. Judging by your ID I will guess you have or had had a 920. I have owned both the 920 and the 850 and the 850, even without DSP runs circles around the 920. The slope tuning and notch circuits on the 850 are great at interference reduction, and as I said the transmit audio can't be beat. The 450 is a very good radio as well, but for the extra couple hundred dollars, I would opt for the 850.

Max

# 2061. Re: [TS-850_450_690] Re: Whats the Differences Between the 850 and 450???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-10 01:26:04 UTC
From: Jason
Topic: 2059  Message: 2061

I agree. I have a 450SAT and just got a cherry ts850SAT 2 weeks ago
from a silent key and my God, what a difference! The receive audio and sensitivity
is superb even with no filters versus the 450. Not saying the 450 is a pile of
junk, it's a great radio too! You get some more bells and whistles with the
The added slope tuning and adjustable noise blanker really help tune in the traffic. For a
few hundred more, you can't go wrong with the 850. Not sure if I'll sell my 450SAT yet.
It's nice having two HF rigs!

Jason
KE4KZY

----- Original Message -----
From: Max
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, March 09, 2004 7:06 PM
Subject: [TS-850_450_690] Re: Whats the Differences Between the 850 and 450???

--- In TS-850_450_690@yahoogroups.com, "ft920yaesu1997"
<ft920yaesu1997@y...> wrote:
> Whats the Differences Between the 850 and 450???
>
> Plus and minuses?
> I want one or the other
>
> Thanks
> Scott

Scott,

The only minus is that the 850 cost more. But for the price
difference it is 5 times the radio. Dynamite receiver, excellent
transmit audio, fantastic filtering. No DSP though. Judging by your
ID I will guess you have or had had a 920. I have owned both the 920
and the 850 and the 850, even without DSP runs circles around the
920. The slope tuning and notch circuits on the 850 are great at
interference reduction, and as I said the transmit audio can't be
beat. The 450 is a very good radio as well, but for the extra couple
hundred dollars, I would opt for the 850.

Max

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
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b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2062. Re: [TS-850_450_690] Whats the Differences Between the 850 and 450???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-10 04:10:39 UTC
From: Bill K0ZL
Topic: 2059  Message: 2062

The 450 is obviously smaller, much easier to take portable.

The only real difference that bothered me was the way the 450 changes CW pitch; it doesn't move the offset the same way. But that is not a problem for most guys.

The 850 has built-in keyer; the 450 doesn't. Again, not a problem for non-CW op. (hey guys, correct me if I am wrong on this one... I could not find keyer adjustment on the svc manual).

If you are fone-only, the 450 has many of the same features as the 850.

the 850 has slope tuning; it 's a dual control that is quite handy at reducing QRM; the 450 has just IF shift, which is actually all I ever use on the fone bands anyway on my 430.. works just fine.

If you have little space or intend to take the rig portable (motor home, field day, etc), I would get a NON-SMOKER ts-450. If you want the bells and whistles and 73 controls on the front, get the 850. They are both about the same price.

If you want 6M, get the TS-690, it's a 450 with 6M.

Bill
--- ft920yaesu1997 <ft920yaesu1997@...> wrote:
> Whats the Differences Between the 850 and 450???
>
> Plus and minuses?
> I want one or the other
>
> Thanks
> Scott
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2063. Re: [TS-850_450_690] Re: Whats the Differences Between the 850 and 450???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-10 04:13:46 UTC
From: Eric
Topic: 2059  Message: 2063

How true on the 850. Considered to be a classic. There is Kenwood DSP available for the 850--the DSP-100. It takes the radio to the next level. Good luck finding one, at a price you are willing to pay.

Eric

----- Original Message -----
From: "Max" <ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, March 09, 2004 7:06 PM
Subject: [TS-850_450_690] Re: Whats the Differences Between the 850 and 450???

> --- In TS-850_450_690@yahoogroups.com, "ft920yaesu1997"
> <ft920yaesu1997@y...> wrote:
> > Whats the Differences Between the 850 and 450???
> >
> > Plus and minuses?
> > I want one or the other
> >
> > Thanks
> > Scott
>
> Scott,
>
> The only minus is that the 850 cost more. But for the price
> difference it is 5 times the radio. Dynamite receiver, excellent
> transmit audio, fantastic filtering. No DSP though. Judging by your
> ID I will guess you have or had had a 920. I have owned both the 920
> and the 850 and the 850, even without DSP runs circles around the
> 920. The slope tuning and notch circuits on the 850 are great at
> interference reduction, and as I said the transmit audio can't be
> beat. The 450 is a very good radio as well, but for the extra couple
> hundred dollars, I would opt for the 850.
>
> Max
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>

# 2064. Re: [TS-850_450_690] Re: Whats the Differences Between the 850 and 450???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-10 04:23:42 UTC
From: Bill K0ZL
Topic: 2059  Message: 2064

Congrats Jason!

I am glad to have a second rig also, a 430 with all
the filters...

Having worked on 450's I would not hesitate to own one
if I didn't already have a backup.

bill

--- Jason <ke4kzy@...> wrote:
> I agree. I have a 450SAT and just got a cherry
> ts850SAT 2 weeks ago
> from a silent key and my God, what a difference! The
> receive audio and sensitivity
> is superb even with no filters versus the 450. Not
> saying the 450 is a pile of
> junk, it's a great radio too! You get some more
> bells and whistles with the
> The added slope tuning and adjustable noise blanker
> really help tune in the traffic. For a few hundred
> more, you can't go wrong with the 850. Not sure if
> I'll sell my 450SAT yet. It's nice having two HF
> rigs!
>
> Jason
> KE4KZY
>
> ----- Original Message -----
> From: Max
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, March 09, 2004 7:06 PM
> Subject: [TS-850_450_690] Re: Whats the
> Differences Between the 850 and 450???
>
>
> --- In TS-850_450_690@yahoogroups.com,
> "ft920yaesu1997"
> <ft920yaesu1997@y...> wrote:
> > Whats the Differences Between the 850 and
> 450???
> > >
> > > Plus and minuses?
> > > I want one or the other
> > >

> > Thanks
> > Scott
>
> Scott,
>
> The only minus is that the 850 cost more. But for
> the price
> difference it is 5 times the radio. Dynamite
> receiver, excellent
> transmit audio, fantastic filtering. No DSP
> though. Judging by your
> ID I will guess you have or had had a 920. I have
> owned both the 920
> and the 850 and the 850, even without DSP runs
> circles around the
> 920. The slope tuning and notch circuits on the
> 850 are great at
> interference reduction, and as I said the transmit
> audio can't be
> beat. The 450 is a very good radio as well, but
> for the extra couple
> hundred dollars, I would opt for the 850.
>
> Max
>
>
>
> THANKS FOR USING TS-850_450_690@...
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---
> Yahoo! Groups Links
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> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
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> b.. To unsubscribe from this group, send an
> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
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> c.. Your use of Yahoo! Groups is subject to the
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> [Non-text portions of this message have been
> removed]
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"If in doubt, MODIFY" --k0zl

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# 2065. Re: [TS-850_450_690] Re: Whats the Differences Between the 850 and 450???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-10 16:08:51 UTC
From: Jason
Topic: 2059  Message: 2065

I bought the 850 with the intent of selling the 450 but yeah, it's nice to be able
to say "I have a backup hf rig". Now if I could get this morse code squared away, I'll be ready to talk on it! Already passed my general element. Just the code is hanging me up. Still practicing it though....

Jason
KE4KZY

----- Original Message -----
From: "Bill K0ZL" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, March 09, 2004 10:23 PM
Subject: Re: [TS-850_450_690] Re: Whats the Differences Between the 850 and 450???

> Congrats Jason!
>
> I am glad to have a second rig also, a 430 with all
> the filters...
>
> Having worked on 450's I would not hesitate to own one
> if I didn't already have a backup.
>
> bill
>
> --- Jason <ke4kzy@...> wrote:
> > I agree. I have a 450SAT and just got a cherry
> > ts850SAT 2 weeks ago
> > from a silent key and my God, what a difference! The
> > receive audio and sensitivity
> > is superb even with no filters versus the 450. Not
> > saying the 450 is a pile of
> > junk, it's a great radio too! You get some more
> > bells and whistles with the
> > The added slope tuning and adjustable noise blanker
> > really help tune in the traffic. For a few hundred
> > more, you can't go wrong with the 850. Not sure if
> > I'll sell my 450SAT yet. It's nice having two HF
> > rigs!
> >
> > Jason
> > KE4KZY
> >

> > ----- Original Message -----
> > From: Max
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Tuesday, March 09, 2004 7:06 PM
> > Subject: [TS-850_450_690] Re: Whats the
> > Differences Between the 850 and 450???
> >
> >
> > --- In TS-850_450_690@yahoogroups.com,
> > "ft920yaesu1997"
> > <ft920yaesu1997@y...> wrote:
> > > Whats the Differences Between the 850 and
> > 450???
> > >
> > > Plus and minuses?
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> > > Thanks
> > > Scott
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> > Scott,
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> > 920. The slope tuning and notch circuits on the
> > 850 are great at
> > interference reduction, and as I said the transmit
> > audio can't be
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> > for the extra couple
> > hundred dollars, I would opt for the 850.
> >
> > Max
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
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> > ------------------------------------------------------------------------

---
> > Yahoo! Groups Links
> >
> > a.. To visit your group on the web, go to:
> > http://groups.yahoo.com/group/TS-850_450_690/
> >
> > b.. To unsubscribe from this group, send an
> > email to:
> > TS-850_450_690-unsubscribe@yahoogroups.com
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> > c.. Your use of Yahoo! Groups is subject to the
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> > [Non-text portions of this message have been
> > removed]
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> =====
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> "If in doubt, MODIFY" --k0zl
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# 2066. Re: [TS-850_450_690] Re: Whats the Differences Between the 850 and 450???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-10 18:50:17 UTC
From: Tim Hoy
Topic: 2059  Message: 2066

Still not sure if I have a fantastic (in mint codition) 450, or if I've had three (3) 850's that did not measure up. Actually I'm using an 850 now that was bench tested to meet or beat all original performance specs, and side by side the 450 hears just as good if not better. True the 850 has lots of features but the 450 is also a wonderful radio.
73 to all,
Tim - K6CA

Jason <ke4kzy@...> wrote:
I bought the 850 with the intent of selling the 450 but yeah, it's nice to
be able
to say "I have a backup hf rig". Now if I could get this morse code squared
away, I'll be ready to talk on it! Already passed my general element. Just
the code is hanging me up. Still practicing it though....

Jason
KE4KZY

----- Original Message -----
From: "Bill K0ZL" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, March 09, 2004 10:23 PM
Subject: Re: [TS-850_450_690] Re: Whats the Differences Between the 850 and
450???

> Congrats Jason!
>
> I am glad to have a second rig also, a 430 with all
> the filters...
>
> Having worked on 450's I would not hesitate to own one
> if I didn't already have a backup.
>
> bill
>
> --- Jason <ke4kzy@...> wrote:
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> > ts850SAT 2 weeks ago
> > from a silent key and my God, what a difference! The
> > receive audio and sensitivity
> > is superb even with no filters versus the 450. Not
> > saying the 450 is a pile of
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> > The added slope tuning and adjustable noise blanker
> > really help tune in the traffic. For a few hundred

> > more, you can't go wrong with the 850. Not sure if
> > I'll sell my 450SAT yet. It's nice having two HF
> > rigs!
> >
> > Jason
> > KE4KZY
> >
> > ----- Original Message -----
> > From: Max
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Tuesday, March 09, 2004 7:06 PM
> > Subject: [TS-850_450_690] Re: Whats the
> > Differences Between the 850 and 450???
> >
> >
> > --- In TS-850_450_690@yahoogroups.com,
> > "ft920yaesu1997"
> > <ft920yaesu1997@y...> wrote:
> > > Whats the Differences Between the 850 and
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> > > Scott
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> > Scott,
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> > The only minus is that the 850 cost more. But for
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> > Max
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> >

> >
> > THANKS FOR USING TS-850_450_690@...
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> ------------------------------------------------------------------------
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> > [Non-text portions of this message have been
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> =====
>
> "If in doubt, MODIFY" --k0zl
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[Non-text portions of this message have been removed]

# 2067. Re: [TS-850_450_690] Re: Whats the Differences Between the 850 and 450???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-10 19:20:12 UTC
From: Paul Manuel
Topic: 2059  Message: 2067

--- Tim Hoy <timhoy@...> wrote:
> Still not sure if I have a fantastic (in mint codition) 450, or if I've
> had three (3) 850's that did not measure up. Actually I'm using an 850
> now that was bench tested to meet or beat all original performance
> specs, and side by side the 450 hears just as good if not better.

The difference should be in the dynamic range--the ability to hear a weak signal located near in frequency to a strong signal. Find a situation on the 450 where you can barely hear a signal because of its proximity to a much stronger one, and see if the 850 hears the weak one better than the 450. I have never tried this with a 450, but the 850 beat the rigs I have tried it with, which admittedly were not in the same league. Don't compare sensitivity--that is not an issue with any rig built for many years.
73,
Paul K4PDM

_____
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# 2068. Re: [TS-850_450_690] Re: Whats the Differences Between the 850 and 450???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-10 19:52:50 UTC
From: Sarge
Topic: 2059  Message: 2068

> Still not sure if I have a fantastic (in mint codition) 450, or if I've had three (3) 850's that did not measure up. Actually I'm using an 850 now that was bench tested to meet or beat all original performance specs, and side by side the 450 hears just as good if not better. True the 850 has lots of features but the 450 is also a wonderful radio.
> 73 to all,
> Tim - K6CA

Hahahaha! They'd have to pry my 450SAT out of my cold dead fingers. Never tried an 850 or even seen one but they'd have to be REAL darn good. My 450 rx's rings around my buddy's TS 2000 or 1000 whatever it is. And beat the heck out of all the Yaesu rigs on field day.

# 2069. Re: Whats the Differences Between the 850 and 450???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-10 20:28:31 UTC
From: evilkalla
Topic: 2059  Message: 2069

I owned the 450 for about ten years, and it was a really great radio. The receiver was very good as was the transmit SSB audio quality with the MC-60 microphone (consistenly good reports). It did lack a lot of "adjustable control" over many of the features that the 850 gives you, which is why I moved to the 850. The 850 also has the built in keyer which is essential for me because I am a 75% CW operator.

The 850 also looks real good sitting there next to my TS-790. :)

> Hahahaha! They'd have to pry my 450SAT out of my cold dead fingers.
> Never tried an 850 or even seen one but they'd have to be REAL darn good. My
> 450 rx's rings around my buddy's TS 2000 or 1000 whatever it is. And beat
> the heck out of all the Yaesu rigs on field day.

# 2070. Re: Whats the Differences Between the 850 and 450???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-10 23:31:18 UTC
From: ft920yaesu1997
Topic: 2059  Message: 2070

So
as an owner of a Yaesu FT 920, TS 430S, and a TS 570DG
and being 95% phone i guess there would not be much difference
between 450 and 850
Are the filters on the IF side in both radios??
or is that just the newer 870???

Id like to own both

--- In TS-850_450_690@yahoogroups.com, "ft920yaesu1997"
<ft920yaesu1997@y...> wrote:
> Whats the Differences Between the 850 and 450???
>
> Plus and minuses?
> I want one or the other
>
> Thanks
> Scott

# 2071. Re: [TS-850_450_690] Re: Whats the Differences Between the 850 and 450???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-11 00:34:15 UTC
From: Bill K0ZL
Topic: 2059  Message: 2071

Yes, filters are in the 8.8 meg and 455k if's in both
rigs.

The slope tuning on the 850 allows for independant
"sliding" of either IF passband against the other for
very effective qrm reduction. The IF shift on the 450
works just like the one on the 430, but with a little
more effect because of the dual filters being better
shape factor than in the 430.

PS I love working on either the 450 or the 850, they
are both real easy to get in and out of.

bill

--- ft920yaesu1997 <ft920yaesu1997@...> wrote:
> So
> as an owner of a Yaesu FT 920, TS 430S, and a TS
> 570DG
> and being 95% phone i guess there would not be much
> difference
> between 450 and 850
> Are the filters on the IF side in both radios??
> or is that just the newer 870???
>
> Id like to own both
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com,
> "ft920yaesu1997"
> <ft920yaesu1997@y...> wrote:
> > Whats the Differences Between the 850 and 450???
> >
> > Plus and minuses?
> > I want one or the other
> >
> > Thanks
> > Scott
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2072. IC746PRO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-14 01:27:26 UTC
From: Ray Rosler
Topic: 2072  Message: 2072

Hi:
I know that this is a different unit but I do have a problem with my IC746PRO. I hope some one can help. The screen back light has gone out, that is I have no control on the contrast. when working the screen is a soft blue color. Thought I would check to see if anyone else has had this problem...

Ray
VE5RAE

[Non-text portions of this message have been removed]

# 2073. TS850 as transverter drive?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-14 11:43:49 UTC
From: RobertV
Topic: 2073  Message: 2073

Hi all,
I've looked through the manual and see on Pg49 that there's mention of a TVTR drive change possible inside the TS850. I've tested this and it does offer a small (250mV P-P) output at the displayed frequency from the IF Out port.

However the radio still pumps out high level RF from the antenna jack; which is where the manual suggests plugging in the TVTR output signal(RX data). This would drive 100w into the receive port of the TVTR (ouch).

Any ideas what I am doing wrong?
I was hoping this would save me building the external padding and switching network previously discussed.

Robert

# 2074. Re: [TS-850_450_690] TS850 as transverter drive?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-14 17:14:27 UTC
From: Bill K0ZL
Topic: 2073  Message: 2074

If you pass 8v to the TVTR drive jack through a choke
(1mH should do it), it will cause the PA to shut off.

b

--- RobertV <mail@...> wrote:
>
> Hi all,
> I've looked through the manual and see on Pg49 that
> there's mention of a
> TVTR drive change possible inside the TS850. I've
> tested this and it does offer
> a small (250mV P-P) output at the displayed
> frequency from the IF Out port.
>
> However the radio still pumps out high level RF from
> the antenna jack; which
> is where the manual suggests plugging in the TVTR
> output signal(RX data).
> This would drive 100w into the receive port of the
> TVTR (ouch).
>
> Any ideas what I am doing wrong?
> I was hoping this would save me building the
> external padding and switching network
> previously discussed.
>
> Robert
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2075. Re: [TS-850_450_690] TS850 as transverter drive?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-14 21:38:57 UTC
From: RobertV
Topic: 2073  Message: 2075

At 14/03/2004 17:18, you wrote:

>If you pass 8v to the TVTR drive jack through a choke
>(1mH should do it), it will cause the PA to shut off.

If I get you right then...
Connecting +8 to +12v as shown on Pg49 removes the entire PA
section from the standard output socket. This will allow safe connection
of the TVTR receive section to that connector.

The TVTR drive socket should be connected to the IF Output (now set as
low level 10mW output).

If this is the case then that's great. I just have to hope the TVTR RF can
be driven with 10mW input. TVTR is a Microwave Modules 28/144R Version 2.
This is the rare(r) one in the small "rack mount" like case.

---
I've not tried this yet as I don't have the connectors handy.

Robert
MM0ANT

# 2076. Re: IC746PRO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-15 12:21:13 UTC
From: Max
Topic: 2072  Message: 2076

--- In TS-850_450_690@yahoogroups.com, Ray Rosler <roslr@s...> wrote:
> Hi:
> I know that this is a different unit but I do have a problem
with my IC746PRO. I hope some one can help. The screen back light
has gone out, that is I have no control on the contrast. when
working the screen is a soft blue color. Thought I would check to
see if anyone else has had this problem...
>
> Ray
> VE5RAE

Hi Ray,

Chances are if you post your query to the IC746PRO group you might
have more luck getting help. Most of the members in here own
Kenwoods.

Good luck.

http://groups.yahoo.com/group/icom746pro/

Max

# 2077. Re: [TS-850_450_690] Re: IC746PRO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-15 12:55:13 UTC
From: Eric
Topic: 2072  Message: 2077

yeah!

----- Original Message -----
From: "Max" <ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, March 15, 2004 6:21 AM
Subject: [TS-850_450_690] Re: IC746PRO

> --- In TS-850_450_690@yahoogroups.com, Ray Rosler <roslr@s...> wrote:
> > Hi:
> > I know that this is a different unit but I do have a problem
> with my IC746PRO. I hope some one can help. The screen back light
> has gone out, that is I have no control on the contrast. when
> working the screen is a soft blue color. Thought I would check to
> see if anyone else has had this problem...
> >
> > Ray
> > VE5RAE
>
> Hi Ray,
>
> Chances are if you post your query to the IC746PRO group you might
> have more luck getting help. Most of the members in here own
> Kenwoods.
>
> Good luck.
>
> http://groups.yahoo.com/group/icom746pro/
>
> Max
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>

# 2078. Re: [TS-850_450_690] TS850 as transverter drive?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-15 13:59:23 UTC
From: Bill K0ZL
Topic: 2073  Message: 2078

You can also set the min. power on the 850 down to
below one watt if needed but you will need to remember
to turn the power down when using the TV.

b

--- RobertV <mail@...> wrote:
> At 14/03/2004 17:18, you wrote:
>
> >If you pass 8v to the TVTR drive jack through a
> choke
> >(1mH should do it), it will cause the PA to shut
> off.
>
> If I get you right then...
> Connecting +8 to +12v as shown on Pg49 removes the
> entire PA
> section from the standard output socket. This will
> allow safe connection
> of the TVTR receive section to that connector.
>
> The TVTR drive socket should be connected to the IF
> Output (now set as
> low level 10mW output).
>
> If this is the case then that's great. I just have
> to hope the TVTR RF can
> be driven with 10mW input. TVTR is a Microwave
> Modules 28/144R Version 2.
> This is the rare(r) one in the small "rack mount"
> like case.
>
> ---
> I've not tried this yet as I don't have the
> connectors handy.
>
> Robert
> MM0ANT
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2079. Re: [TS-850_450_690] Re: IC746PRO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-15 14:31:32 UTC
From: Bill K0ZL
Topic: 2072  Message: 2079

On that 746 group there was quite a thread about 18
months ago about that issue. There is a DC-DC
converter that has a transistor in it that
overheats... it's a large surface-mount transistor and
I fixed it by subbing a TO-220 and leaving it hanging
off the board a bit for air-cooling, still working I
guess. Look for thread from coorsbill on that group,
it's all right there.

73,

Bill
K0ZL

--- Max <ve3tmt@...> wrote:
> --- In TS-850_450_690@yahoogroups.com, Ray Rosler
> <roslr@s...> wrote:
> > Hi:
> > I know that this is a different unit but I do
> have a problem
> with my IC746PRO. I hope some one can help. The
> screen back light
> has gone out, that is I have no control on the
> contrast. when
> working the screen is a soft blue color. Thought I
> would check to
> see if anyone else has had this problem...
> >
> > Ray
> > VE5RAE
>
> Hi Ray,
>
> Chances are if you post your query to the IC746PRO
> group you might
> have more luck getting help. Most of the members in
> here own
> Kenwoods.
>
> Good luck.
>
> http://groups.yahoo.com/group/icom746pro/
>
> Max
>
>

=====

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# 2080. TS-850 tuner mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-15 14:44:02 UTC
From: fulofo39
Topic: 2080  Message: 2080

Hi all

Has anybody yet made the tuner mod as described in Sept. 2003 QST and
are willing to tell us about it?
It would be very interesting to know of any improvement on the
receiving side.

Oluf oz6og

# 2081. Re: [TS-850_450_690] TS850 as transverter drive?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-15 15:09:38 UTC
From: Zack Widup
Topic: 2073  Message: 2081

Down East Microwave makes a transverter interface specifically for the
TS-850. Look at Steve's web page http://www.downeastmicrowave.com and
look for the TIB-850 transverter interface box.

73, Zack W9SZ

On Mon, 15 Mar 2004, Bill K0ZL wrote:

> You can also set the min. power on the 850 down to
> below one watt if needed but you will need to remember
> to turn the power down when using the TV.
>
> b
>
>
> --- RobertV <mail@...> wrote:
> > At 14/03/2004 17:18, you wrote:
> >
> > >If you pass 8v to the TVTR drive jack through a
> > choke
> > >(1mH should do it), it will cause the PA to shut
> > off.
> >
> > If I get you right then...
> > Connecting +8 to +12v as shown on Pg49 removes the
> > entire PA
> > section from the standard output socket. This will
> > allow safe connection
> > of the TVTR receive section to that connector.
> >
> > The TVTR drive socket should be connected to the IF
> > Output (now set as
> > low level 10mW output).
> >
> > If this is the case then that's great. I just have
> > to hope the TVTR RF can
> > be driven with 10mW input. TVTR is a Microwave
> > Modules 28/144R Version 2.
> > This is the rare(r) one in the small "rack mount"
> > like case.
> >

# 2082. Re: TS-850 tuner mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-15 17:12:59 UTC
From: Max
Topic: 2080  Message: 2082

--- In TS-850_450_690@yahoogroups.com, "fulofo39" <oluf@o...> wrote:
> Hi all
>
> Has anybody yet made the tuner mod as described in Sept. 2003 QST
and
> are willing to tell us about it?
> It would be very interesting to know of any improvement on the
> receiving side.
>
> Oluf oz6og

Oluf,

I did it to my first 850 before that article ever appeared. Maybe I should have wrote it! I did it too my second 850 as well. It is very straight forward and it does make a difference on the receive side. You can read all the details in the files section of this group under "modifications".

Max

# 2083. Re: TS-850 tuner mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-15 18:49:33 UTC
From: fulofo39
Topic: 2080  Message: 2083

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:

> --- In TS-850_450_690@yahoogroups.com, "fulofo39" <oluf@o...> wrote:
> > Hi all
> >
> > Has anybody yet made the tuner mod as described in Sept. 2003 QST
> and
> > are willing to tell us about it?
> > It would be very interesting to know of any improvement on the
> > receiving side.
> >
> > Oluf oz6og
>
> Oluf,
>
> I did it to my first 850 before that article ever appeared. Maybe
I
> should have wrote it! I did it too my second 850 as well. It is
> very straight forward and it does make a difference on the receive
> side. You can read all the details in the files section of this
> group under "modifications".
>
> Max

Got it Max, I will sure try it out. TNX
oz6og Oluf

# 2084. Re: [TS-850_450_690] TS-850 tuner mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-16 01:11:02 UTC
From: Bill K0ZL
Topic: 2080  Message: 2084

Yep, it helps when using antennas like the G5RV,
definitely increases RX apparent sensitivity on the
upper bands, and on 60 meters. Worth doing.

b

--- fulofo39 <oluf@...> wrote:
> Hi all
>
> Has anybody yet made the tuner mod as described in
> Sept. 2003 QST and
> are willing to tell us about it?
> It would be very interesting to know of any
> improvement on the
> receiving side.
>
> Oluf oz6og
>
>

=====

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# 2085. IC 232C

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-16 01:41:05 UTC
From: ac7nj@donobi.net
Topic: 2085  Message: 2085

I received the IC-232C converter for my TS-850S but it didn't have: a manual; a power cord; or a radio cord.

If I could find the polarity of the power plug (I can make a cord)

If I knew the description or source for the radio plug in the back of the IC-232 and the ACC 1 (I could make that cord too)

Randy Williamson AC7NJ

129 F Street Southeast

Ephrata, Washington 98823-1914

(509)754-2990

[Non-text portions of this message have been removed]

# 2086. loss of cw

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-16 11:01:26 UTC
From: DAVE ...M0BZK
Topic: 2086  Message: 2086

I have just got my 850sat back after loosing all output, When I set it all back up i found that when I plug in my key and turn on the keyer the 'dits work ok but i do not get any break in he 'dars' all i get is one continous tone. Can anybody point me in the right direction on this one as I donot want to send it back again as it has taken 8 weeks to find a blown cap and transistor. Also I noted the other week a message about one of the hidden menu's which had a setting that turned off the 27mhz tx, which is factory set as on. a refreasher on this would be helpful please
dave M0BZK

# 2087. TS 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-16 12:59:09 UTC
From: Sarge
Topic: 2087  Message: 2087

Could someone tell me where to bump up the output a bit? Is it VR17?
I had the info once and lost it in a system crash.

Thanks,
Sarge

[Non-text portions of this message have been removed]

# 2088. Re: [TS-850_450_690] loss of cw

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-16 13:59:06 UTC
From: Bill K0ZL
Topic: 2086  Message: 2088

menu 24, is ON for bug, should be OFF for keyer.

Or maybe it's the other way 'round; anyway, you have
stumbled on a GREAT way to have a STRAIGHT KEY (ALBEIT
a "sideswiper" type) when needed. My bencher paddle
makes a great straight key when I change menu item 24,
then when I want keyer again, I change it back. No
other wiring needed.

b

--- "DAVE ...M0BZK" <bletchleynet@...> wrote:
> I have just got my 850sat back after loosing all
> output, When I set
> it all back up i found that when I plug in my key
> and turn on the
> keyer the 'dits work ok but i do not get any break
> in he 'dars' all
> i get is one continous tone. Can anybody point me in
> the right
> direction on this one as I donot want to send it
> back again as it
> has taken 8 weeks to find a blown cap and
> transistor. Also I noted
> the other week a message about one of the hidden
> menu's which had a
> setting that turned off the 27mhz tx, which is
> factory set as on. a
> refreasher on this would be helpful please
> dave M0BZK
>
>

=====

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# 2089. Re: TS-850 tuner mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-16 15:27:04 UTC
From: fulofo39
Topic: 2080  Message: 2089

```
--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> Yep, it helps when using antennas like the G5RV,
> definitely increases RX apparent sensitivity on the
> upper bands, and on 60 meters. Worth doing.
>
> b
>
> --- fulofo39 <oluf@o...> wrote:
> > Hi all
> >
> > Has anybody yet made the tuner mod as described in
> > Sept. 2003 QST and
> > are willing to tell us about it?
> > It would be very interesting to know of any
> > improvement on the
> > receiving side.
> >
> > Oluf oz6og
> >
> >
>
>
> =====
>
> "If in doubt, MODIFY" --k0zl
>
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# 2090. Re: [TS-850_450_690] TS-850 tuner mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-16 14:58:26 UTC
From: Denis O' Flynn
Topic: 2080  Message: 2090

Hi folks,

Am joined the group a while now but cannot find the mod. There is nothing highlighted under 'member'

de Denis EI6HB

----- Original Message -----
From: "Bill K0ZL" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, March 16, 2004 1:11 AM
Subject: Re: [TS-850_450_690] TS-850 tuner mod

> Yep, it helps when using antennas like the G5RV,
> definitely increases RX apparent sensitivity on the
> upper bands, and on 60 meters. Worth doing.
>
> b
>
> --- fulofo39 <oluf@...> wrote:
> > Hi all
> >
> > Has anybody yet made the tuner mod as described in
> > Sept. 2003 QST and
> > are willing to tell us about it?
> > It would be very interesting to know of any
> > improvement on the
> > receiving side.
> >
> > Oluf oz6og
> >
> >
>
>
> =====
>
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>
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>
>
>
> _____
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> http://mail.yahoo.com
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>
>
>

# 2091. Re: [TS-850_450_690] TS-850 tuner mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-16 15:05:09 UTC
From: Karl Langenwalter
Topic: 2080  Message: 2091

Are you guys talking about the mod that enables the antenna tuner to work on receive?
Is there a mod for the ts450 that does the same thing ?

Thanks, Karl (kc0rna)
----- Original Message -----
From: Bill K0ZL
To: TS-850_450_690@yahoogroups.com
Sent: Monday, March 15, 2004 7:11 PM
Subject: Re: [TS-850_450_690] TS-850 tuner mod

Yep, it helps when using antennas like the G5RV,
definitely increases RX apparent sensitivity on the
upper bands, and on 60 meters. Worth doing.

b

--- fulofo39 <oluf@...> wrote:
> Hi all
>
> Has anybody yet made the tuner mod as described in
> Sept. 2003 QST and
> are willing to tell us about it?
> It would be very interesting to know of any
> improvement on the
> receiving side.
>
> Oluf oz6og
>
>

=====

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THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2092. Re: loss of cw

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-16 23:16:10 UTC
From: DAVE ...M0BZK
Topic: 2086  Message: 2092

thanks bill thats sorted now. 73 for now dave m0bzk

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> menu 24, is ON for bug, should be OFF for keyer.
>
> Or maybe it's the other way 'round; anyway, you have
> stumbled on a GREAT way to have a STRAIGHT KEY (ALBEIT
> a "sideswiper" type) when needed. My bencher paddle
> makes a great straight key when I change menu item 24,
> then when I want keyer again, I change it back. No
> other wiring needed.
>
> b
>
>
> --- "DAVE ...M0BZK" <bletchleynet@y...> wrote:
> > I have just got my 850sat back after loosing all
> > output, When I set
> > it all back up i found that when I plug in my key
> > and turn on the
> > keyer the 'dits work ok but i do not get any break
> > in he 'dars' all
> > i get is one continous tone. Can anybody point me in
> > the right
> > direction on this one as I donot want to send it
> > back again as it
> > has taken 8 weeks to find a blown cap and
> > transistor. Also I noted
> > the other week a message about one of the hidden
> > menu's which had a
> > setting that turned off the 27mhz tx, which is
> > factory set as on. a
> > refreasher on this would be helpful please
> > dave M0BZK
> >
> >
>
>
> =====
>
> "If in doubt, MODIFY" --k0zl
>
> Need a tech? See our website www.amateur-repairs.com
>

>
>
>
> _____
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> http://mail.yahoo.com

# 2093. Re: [TS-850_450_690] TS 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-17 02:21:56 UTC
From: lgorsline1@comcast.net
Topic: 2087  Message: 2093

I would like to know also. According to my meter I'm only putting out about 50 watts, and I should be putting out 100 on sideband...
Lonnie
N7RYT

# 2094. Re: TS 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-17 02:29:34 UTC
From: Max
Topic: 2087  Message: 2094

--- In TS-850_450_690@yahoogroups.com, lgorsline1@c... wrote:
> I would like to know also. According to my meter I'm only putting out about 50 watts, and I should be putting out 100 on sideband...
> Lonnie
> N7RYT

Lonnie,

How are you getting your output? Are you injecting a tone into the mic audio, or are you whistling are just plain talking? To get an accurate reading you should use a peak reading meter. On my 850 the meter would hardly ever go to the 100 watt mark, but on my SW2000 meter in the PEP setting it was always at or above the 100W mark.

I was a little worried about my output until I checked it on a PEP meter.

Max

# 2095. Re: TS 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-17 17:48:51 UTC
From: smatda
Topic: 2087  Message: 2095

It could be a couple of factors:

A) SWR. Above about 1.5:1 the SWR circuit begins cutting power back drastically.

B) Mic gain. Check your ALC--are you deflecting over to the right edge of the ALC zone?

C) Power supply voltage. Low voltage=Low wattage.

"Turning up" the radio would be my last option, if nothing else works. And even then, I'd be concerned as to why the output was low in the first place. Has the radio been messed with or turned down, or has been abused and has weak finals?

I've had a 450 going on ten years...run RTTY contests, Pactor, SSB, and CW. Been thru 6 or 7 Field Days and still has full output!

My 2 cents,
Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, lgorsline1@c... wrote:
> > I would like to know also. According to my meter I'm only putting
> out about 50 watts, and I should be putting out 100 on sideband...
> > Lonnie
> > N7RYT
>
>
> Max

# 2096. RE: [TS-850_450_690] Re: TS 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-19 01:53:58 UTC
From: Lonnie Gorsline
Topic: 2087  Message: 2096

Hi Max,
I was using a PEP meter just talking normaly.
73
Lonnie
-----Original Message-----
From: Max [mailto:ve3tmt@...]
Sent: Tuesday, March 16, 2004 6:30 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS 450

--- In TS-850_450_690@yahoogroups.com, lgorsline1@c... wrote:
> I would like to know also. According to my meter I'm only putting
out about 50 watts, and I should be putting out 100 on sideband...
> Lonnie
> N7RYT

Lonnie,

How are you getting your output? Are you injecting a tone into the
mic audio, or are you whistling are just plain talking? To get an
accurate reading you should use a peak reading meter. On my 850 the
meter would hardly ever go to the 100 watt mark, but on my SW2000
meter in the PEP setting it was always at or above the 100W mark.

I was a little worried about my output until I checked it on a PEP
meter.

Max

THANKS FOR USING TS-850_450_690@...

---
--
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2097. RE: [TS-850_450_690] Re: TS 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-19 02:00:45 UTC
From: Lonnie Gorsline
Topic: 2087  Message: 2097

Hi Steve,
SWR is right where it should be.
The Mic gain is set so it just deflects outside the ALC while I talk
normally.
I haven't checked the power supply voltage, but I will do that...
The radio hasn't been messed with at all. I bought it new and is in pristine
condition.
I've always taken very good care with my radios as I have to save for a long
time to
get them.
The way I found out about my problem was I was talking to a friend on 10
meters with
a 10 meter mobile radio that puts out 35 watts on side band. I asked him to
check to
see how the Kenwood sounded using the exact same antenna. The report I got
back
was that the signal strength was down and didn't sound as good as the
mobile, so
that's when I began to check the power output and found it to be low. The
meter in
the radio says I'm putting out just under 100 watts, so I don't know which
one to
trust.
Anyway, thanks to everyone for the help and suggestions...
73
Lonnie

-----Original Message-----
From: smatda [mailto:smatda@...]
Sent: Wednesday, March 17, 2004 9:49 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS 450

It could be a couple of factors:

A) SWR. Above about 1.5:1 the SWR circuit begins cutting power back
drastically.

B) Mic gain. Check your ALC--are you deflecting over to the right
edge of the ALC zone?

C) Power supply voltage. Low voltage=Low wattage.

"Turning up" the radio would be my last option, if nothing else
works. And even then, I'd be concerned as to why the output was low
in the first place. Has the radio been messed with or turned down,

or has been abused and has weak finals?

I've had a 450 going on ten years...run RTTY contests, Pactor, SSB,
and CW. Been thru 6 or 7 Field Days and still has full output!

My 2 cents,
Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, lgorsline1@c... wrote:
> > I would like to know also. According to my meter I'm only putting
> out about 50 watts, and I should be putting out 100 on sideband...
> > Lonnie
> > N7RYT
>
>
> Max

THANKS FOR USING TS-850_450_690@...

---
--
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2098. RE: [TS-850_450_690] Re: TS 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-19 14:48:50 UTC
From: Bill K0ZL
Topic: 2087  Message: 2098

"Whistle up" (dummy load please) is best way to gauge
output. If it whistles up to 100 watts, that is your
PEP on voice also. Run mic gain at 12 o'clock unless
guys complain that they can hear the solenoid on the
washing machine downstairs kicking in.. then drop it a
little, hi!

b

--- Lonnie Gorsline <lgorsline1@...> wrote:
> Hi Max,
> I was using a PEP meter just talking normaly.
> 73
> Lonnie
> -----Original Message-----
> From: Max [mailto:ve3tmt@...]
> Sent: Tuesday, March 16, 2004 6:30 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: TS 450
>
>
> --- In TS-850_450_690@yahoogroups.com,
> lgorsline1@c... wrote:
> > I would like to know also. According to my meter
> I'm only putting
> out about 50 watts, and I should be putting out
> 100 on sideband...
> > Lonnie
> > N7RYT
>
> Lonnie,
>
> How are you getting your output? Are you
> injecting a tone into the
> mic audio, or are you whistling are just plain
> talking? To get an
> accurate reading you should use a peak reading
> meter. On my 850 the
> meter would hardly ever go to the 100 watt mark,
> but on my SW2000
> meter in the PEP setting it was always at or above
> the 100W mark.
>
> I was a little worried about my output until I
> checked it on a PEP

> meter.
>
> Max
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
>
---
> --
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an
> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
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>
> [Non-text portions of this message have been
> removed]
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# 2099. RE: [TS-850_450_690] Re: TS 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-20 02:08:42 UTC
From: Lonnie Gorsline
Topic: 2087  Message: 2099

OK, Bill, I will try the dummy load. Also when I run the mic gain up to 12 oclock
I get reports of a weird noise that come with my signal. If I keep the mic gain in
the ALC range the noise goes away.
Take Care
Lonnie
-----Original Message-----
From: Bill K0ZL [mailto:coorsbill@...]
Sent: Friday, March 19, 2004 6:49 AM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Re: TS 450

"Whistle up" (dummy load please) is best way to gauge
output. If it whistles up to 100 watts, that is your
PEP on voice also. Run mic gain at 12 o'clock unless
guys complain that they can hear the solenoid on the
washing machine downstairs kicking in.. then drop it a
little, hi!

b

--- Lonnie Gorsline <lgorsline1@...> wrote:
> Hi Max,
> I was using a PEP meter just talking normaly.
> 73
> Lonnie
> -----Original Message-----
> From: Max [mailto:ve3tmt@...]
> Sent: Tuesday, March 16, 2004 6:30 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Re: TS 450
>
>
> --- In TS-850_450_690@yahoogroups.com,
> lgorsline1@c... wrote:
> > I would like to know also. According to my meter
> I'm only putting
> out about 50 watts, and I should be putting out
> 100 on sideband...
> > Lonnie
> > N7RYT
>
> Lonnie,
>
> How are you getting your output? Are you

> injecting a tone into the
> mic audio, or are you whistling are just plain
> talking? To get an
> accurate reading you should use a peak reading
> meter. On my 850 the
> meter would hardly ever go to the 100 watt mark,
> but on my SW2000
> meter in the PEP setting it was always at or above
> the 100W mark.
>
> I was a little worried about my output until I
> checked it on a PEP
> meter.
>
> Max
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
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>
>
---
--
> --
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an
> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
>
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>
> [Non-text portions of this message have been
> removed]
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"If in doubt, MODIFY" --k0zl

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TS-850_450_690-unsubscribe@yahoogroups.com

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[Non-text portions of this message have been removed]

# 2100. Pin 5 on Mic connector

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-23 12:22:44 UTC
From: Dennis, Philippines low budget dxer
Topic: 2100  Message: 2100

March 23, 2004

I asked this in the TS-440 group last week but haven't got any reply yet so I thought I'd ask it here

Hi all !

Would like to know how much maximum current can I safely use from Pin 5 (8 volt line) on the front panel Mic Connector? In the Users Manual it says 10mA Max, from the Kenwood Mic Connectors manual it says 150mA max. So which is which?

And where does this 8 volts line coming from? I would like to use it to power low current device (like my clone MC-80 preamp, etc.) but don't want to damage the regulator circuit that provides this voltage. I would be draining from it around 50mA max. (mc-80 preamp plus other device)

Thanks in advance.

Dennis
the Philippines

# 2101. Re: [TS-850_450_690] Pin 5 on Mic connector

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-23 14:16:02 UTC
From: Bill K0ZL
Topic: 2100  Message: 2101

I replied yesterday on the 440 group, emails must have
crossed.

the 8v to the mic plug on the 440 comes through a 1K
resistor, too high feed anything but a FET input amp.
This resistor can be changed to 100 ohms to allow up
to 10mA draw (with a 1 volt drop to 7 volts) or to 10
ohms to allow 100mA... I would not exceed that level
and you probably should not need that much.

By all means, leave some value of resistor in there to
protect the 8V line in the IF unit which is the
source.

b

--- "Dennis, Philippines low budget dxer"
<stclaire@...> wrote:
>
>
>
> March 23, 2004
>
> I asked this in the TS-440 group last week but
> haven't got any reply
> yet so I thought I'd ask it here
>
> Hi all !
>
> Would like to know how much maximum current can I
> safely use from Pin
> 5 (8 volt line) on the front panel Mic Connector? In
> the Users Manual
> it says 10mA Max, from the Kenwood Mic Connectors
> manual it says
> 150mA max. So which is which?
>
> And where does this 8 volts line coming from? I
> would like to use it
> to power low current device (like my clone MC-80
> preamp, etc.) but
> don't want to damage the regulator circuit that
> provides this
> voltage. I would be draining from it around 50mA
> max. (mc-80 preamp
> plus other device)

>
> Thanks in advance.
>
> Dennis
> the Philippines
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2102. Re: [TS-850_450_690] Pin 5 on Mic connector

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-23 14:41:23 UTC
From: Zack Widup
Topic: 2100  Message: 2102

It comes ultimately from a 7808 voltage regulator on Switch Unit J board.
It goes through several small inductors along the way as it passes through
several boards.

I've never tried drawing any current from that pin, so I don't know what
it's capable of. It probably depends on how much total current all the
other circuits that are connected to that 8 volt line draw (and there are
many!). But quite possibly it could supply more than 100 mA.

You could connect a 1k pot across it (wiper to pin, one end to ground,
set at maximum resistance to start) and slowly decrease the resistance
until you start measuring a voltage drop across the pot. Then measure
the resistance value of the pot at that point and calculate the current
supplied from that. If you do that, it might be a good idea to put a
smaller resistor in series with the pot to limit the maximum current,
maybe a 68 ohm resistor, just in case you get the pot set to minimum
resistance. It could get messy trying to figure out what you blew up in
the rig. :-(

73, Zack W9SZ

On Tue, 23 Mar 2004, Dennis, Philippines low budget dxer wrote:

> 
> 
> 
> March 23, 2004
> 
> I asked this in the TS-440 group last week but haven't got any reply
> yet so I thought I'd ask it here
> 
> Hi all !
> 
> Would like to know how much maximum current can I safely use from Pin
> 5 (8 volt line) on the front panel Mic Connector? In the Users Manual
> it says 10mA Max, from the Kenwood Mic Connectors manual it says
> 150mA max. So which is which?
> 
> And where does this 8 volts line coming from? I would like to use it
> to power low current device (like my clone MC-80 preamp, etc.) but
> don't want to damage the regulator circuit that provides this
> voltage. I would be draining from it around 50mA max. (mc-80 preamp
> plus other device)
> 
> Thanks in advance.
> 

> Dennis
> the Philippines
>

# 2103. TS-850s Parts Rig

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-23 14:23:37 UTC
From: Mike Peak
Topic: 2103  Message: 2103

Howdy Ya'll,
I'm lookin for a TS-850s Parts Rig. Any of Ya'll got one lying about?
Thanks & 73,
Mike
WZ5Q

# 2104. Re: [TS-850_450_690] TS-850s Parts Rig

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-24 14:44:31 UTC
From: Bill K0ZL
Topic: 2103  Message: 2104

This will be pretty rare unless one has taken a nasty
hit.. they are usually repairable.

You looking for anything specific?

b

--- Mike Peak <wz5q@...> wrote:
> Howdy Ya'll,
> I'm lookin for a TS-850s Parts Rig. Any of Ya'll got
> one lying about?
> Thanks & 73,
> Mike
> WZ5Q
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2105. RE: [TS-850_450_690] TS-850s Parts Rig

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-24 15:17:55 UTC
From: wz5q
Topic: 2103  Message: 2105

Yes,
Primarily the Digital Unit (X46-3080-00). I think the IC3 - MB89363B is flaky. The Tune control signal "TPD" on Pin 5 of CN6 stays at a Low voltage potential all the time. This is causing all kinds of havoc in the ALC and the ALC controls.
Thanks,
Mike
WZ5Q
-----Original Message-----
From: Bill K0ZL [mailto:coorsbill@...]
Sent: Wednesday, March 24, 2004 8:45 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850s Parts Rig

This will be pretty rare unless one has taken a nasty
hit.. they are usually repairable.

You looking for anything specific?

b

--- Mike Peak <wz5q@...> wrote:
> Howdy Ya'll,
> I'm lookin for a TS-850s Parts Rig. Any of Ya'll got
> one lying about?
> Thanks & 73,
> Mike
> WZ5Q
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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[Non-text portions of this message have been removed]

# 2106. TS450 Cat Control

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-24 15:57:35 UTC
From: mail@30dx184.com
Topic: 2106  Message: 2106

Hi !

I'm looking for the CAT accesories to connect my TS450 to a PC, where I can but it ? anyone what to shell one ?

I try to buy it via my local Kenwood shop they tell me that is hard to find this one because the 450 is and old radio (????), and also is really expensive !

Thanks in advance

EB2AYV George

# 2107. TS-850 and SM-220

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-26 02:00:37 UTC
From: evilkalla
Topic: 2107  Message: 2107

Hey everyone,

I picked up a SM-220 monitor scope with the 8.83 IF pan adapter and I have been playing with it. Is there any processing that should be done on the 850 IF out signal before feeding it into the scope?

Walton C. Gibson
K4LLA

# 2108. external control manual PDFs

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-26 03:32:29 UTC
From: Larry Nixon
Topic: 2108  Message: 2108

found this site through another group. No op or service manuals for
the 450/850sbut there are copies of the external control manuals.
Also manual for the IF-10 and a few other Kenwood radios

ftp://www.ham-radio.ch/books/Kenwood/

Larry VE7LFN

# 2109. Re: [TS-850_450_690] external control manual PDFs

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-26 04:12:24 UTC
From: Sarge
Topic: 2108  Message: 2109

http://www.mods.dk has all the manuals including service manual for the
450 and some others. Service manual is REAL big file. especially if you have
a whopping 24000 connection like I get out here in the boonies.

> found this site through another group. No op or service manuals for
> the 450/850sbut there are copies of the external control manuals.
> Also manual for the IF-10 and a few other Kenwood radios
>
> ftp://www.ham-radio.ch/books/Kenwood/
>
> Larry VE7LFN
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>
>

# 2110. Re: TS-850 and SM-220

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-26 18:29:36 UTC
From: rsakabu
Topic: 2107  Message: 2110

--- In TS-850_450_690@yahoogroups.com, "evilkalla" <evilkalla@y...> wrote:
> Hey everyone,
>
> I picked up a SM-220 monitor scope with the 8.83 IF pan adapter and I
> have been playing with it. Is there any processing that should be
> done on the 850 IF out signal before feeding it into the scope?
>
> Walton C. Gibson
> K4LLA

Nope, it worked straight "out of the box" for me. Take the IF out from the 850 and plug it right into the BS-8 panadapter in the rear of the SM-220. Move the trace to the bottom of the display and adjust the vertical gain so that the marker is maybe 1/2 way up. It usually takes a little while for the scope to warm up so the marker will drift to the left as it warms up, but it still indicates the center of your tuned frequency. Once it is warm, the marker stays centered all day long. Any RCA phono plug to plug cable will work, but a coaxial shielded one is the best since it will keep stray RF from sneaking into either piece of equipment through that cable.

73
Roy
AD6ZU

# 2111. Re: [TS-850_450_690] external control manual PDFs

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-26 18:26:02 UTC
From: Bill K0ZL
Topic: 2108  Message: 2111

Wow Larry that's a real treasure trove there....

I invited Simon, HB9DRV (the ftp site owner) to join
our HAM-FTP group.

bill

--- Larry Nixon <lfnca@...> wrote:
> found this site through another group. No op or
> service manuals for
> the 450/850sbut there are copies of the external
> control manuals.
> Also manual for the IF-10 and a few other Kenwood
> radios
>
> ftp://www.ham-radio.ch/books/Kenwood/
>
> Larry VE7LFN
>
>

=====

"If in doubt, MODIFY" --k0zl

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http://taxes.yahoo.com/filing.html

# 2112. RE: [TS-850_450_690] TS-850s Parts Rig

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-26 20:54:40 UTC
From: Bill K0ZL
Topic: 2103  Message: 2112

I suppose you have checked the input of Q8 inverter;
to make sure it's the I/O chip port and not the
inverter or something else holding it low.

What is the ALC doing? If TPD stays low, it should
just cause the radio to run the lower AT power (what
is it, ten watts?)

b

--- wz5q <wz5q@...> wrote:
> Yes,
> Primarily the Digital Unit (X46-3080-00). I think
> the IC3 - MB89363B is flaky. The Tune control signal
> "TPD" on Pin 5 of CN6 stays at a Low voltage
> potential all the time. This is causing all kinds of
> havoc in the ALC and the ALC controls.
> Thanks,
> Mike
> WZ5Q
> -----Original Message-----
> From: Bill K0ZL [mailto:coorsbill@...]
> Sent: Wednesday, March 24, 2004 8:45 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] TS-850s Parts Rig
>
>
> This will be pretty rare unless one has taken a
> nasty
> hit.. they are usually repairable.
>
> You looking for anything specific?
>
> b
>
> --- Mike Peak <wz5q@...> wrote:
> > Howdy Ya'll,
> > I'm lookin for a TS-850s Parts Rig. Any of Ya'll
> got
> > one lying about?
> > Thanks & 73,
> > Mike
> > WZ5Q
> >
> >
> >

>
>
> =====
>
> "If in doubt, MODIFY" --k0zl
>
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>
> _____________________________
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>
> THANKS FOR USING TS-850_450_690@...
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---
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an
> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been
> removed]
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"If in doubt, MODIFY" --k0zl

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# 2113. RE: [TS-850_450_690] TS-850s Parts Rig

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-27 00:42:31 UTC
From: wz5q
Topic: 2103  Message: 2113

Yes, thats what is so confusing. Something is telling the i/o chip to make the TPD signal low.
The TPD signal is the TUNE MODE signal. It turns on various other transistors to get the ALC into TUNE configuration, and to disconnect the RF Power potentiometer on the front panel. It reduces the output power to about 50 watts thru the TUNE potentiometer VR6 on the RF Unit. No other power control/adjustment has any function as they are disconnected when TPD goes low (other than the Carrier control but that controls the carrier PIN diode on the IF Unit).
I believe the 10 watt AT-Tune low power configuration that your refering to is the ATPD signal on pin 15 of connector CN15. It is working normally.
This one is a stumper.
Mike
WZ5Q
-----Original Message-----
From: Bill K0ZL [mailto:coorsbill@...]
Sent: Friday, March 26, 2004 2:55 PM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] TS-850s Parts Rig

I suppose you have checked the input of Q8 inverter;
to make sure it's the I/O chip port and not the
inverter or something else holding it low.

What is the ALC doing? If TPD stays low, it should
just cause the radio to run the lower AT power (what
is it, ten watts?)

b

--- wz5q <wz5q@...> wrote:
> Yes,
> Primarily the Digital Unit (X46-3080-00). I think
> the IC3 - MB89363B is flaky. The Tune control signal
> "TPD" on Pin 5 of CN6 stays at a Low voltage
> potential all the time. This is causing all kinds of
> havoc in the ALC and the ALC controls.
> Thanks,
> Mike
> WZ5Q
> -----Original Message-----
> From: Bill K0ZL [mailto:coorsbill@...]
> Sent: Wednesday, March 24, 2004 8:45 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] TS-850s Parts Rig
>
>

> This will be pretty rare unless one has taken a
> nasty
> hit.. they are usually repairable.
>
> You looking for anything specific?
>
> b
>
> --- Mike Peak <wz5q@...> wrote:
> > Howdy Ya'll,
> > I'm lookin for a TS-850s Parts Rig. Any of Ya'll
> got
> > one lying about?
> > Thanks & 73,
> > Mike
> > WZ5Q
> >
> >
> >
>
>
> =====
>
> "If in doubt, MODIFY" --k0zl
>
> Need a tech? See our website
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>
> THANKS FOR USING TS-850_450_690@...
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> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an
> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been
> removed]
>
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>

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"If in doubt, MODIFY" --k0zl

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THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2114. Re: external control manual PDFs

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-27 06:44:13 UTC
From: Larry Nixon
Topic: 2108  Message: 2114

i just had a look at the http://www.mods.dk link that Sarge put up
in response to my note. another trove!

Yes it would be good to have HB9DRV along, his web page:

http://hb9drv.ham-radio.ch/

Larry

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> Wow Larry that's a real treasure trove there....
>
> I invited Simon, HB9DRV (the ftp site owner) to join
> our HAM-FTP group.
>
> bill
>

# 2115. Re: [TS-850_450_690] Re: external control manual PDFs

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-27 15:45:53 UTC
From: Bill K0ZL
Topic: 2108  Message: 2115

I really liked Andre's, RA0CS, station picture there.
Gives a whole new meaning to "wireless"! hi...

The computer controlled stations are the "new look" of
ham radio I guess. Nice side, kudos to Simon, HB9DRV,
who is the author of the famous Ham Radio Deluxe
suite, que no?

bill

--- Larry Nixon <lfnca@...> wrote:
> i just had a look at the http://www.mods.dk link
> that Sarge put up
> in response to my note. another trove!
>
> Yes it would be good to have HB9DRV along, his web
> page:
>
> http://hb9drv.ham-radio.ch/
>
> Larry
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
> > Wow Larry that's a real treasure trove there....
> >
> > I invited Simon, HB9DRV (the ftp site owner) to
> join
> > our HAM-FTP group.
> >
> > bill
> >
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2116. Vds superbe Kenwood TS 450 SAT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-28 22:23:42 UTC
From: k9list
Topic: 2116  Message: 2116

Vds cause double emploi, Kenwood TS 450 SAT, en excellent état de présentation et de fonctionnement.

Equipé de tous les filtres optionnels ainsi que de sa boite d'accord automatique. Couverture générale en TX/RX de 0 à 30 Mhz. 100 W de puissance. Mode d'emploi et manuel technique inclus.

Avec le Kenwood TS 450, il sera fourni une interface de décodage SIGNALINK (cablage Kenwood) + antenne G5RV + filtre passe bas Wincker.

Le lot est au prix de 700 euros (+ les éventuels frais de port).

A bientôt.

# 2117. Re: [TS-850_450_690] Vds superbe Kenwood TS 450 SAT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-28 22:54:38 UTC
From: Bill K0ZL
Topic: 2116  Message: 2117

If anyone needs a translation, let me know.

b

--- k9list <radioz@...> wrote:
> Vds cause double emploi, Kenwood TS 450 SAT, en
> excellent ?tat de
> pr?sentation et de fonctionnement.
>
> Equip? de tous les filtres optionnels ainsi que de
> sa boite d'accord
> automatique. Couverture g?n?rale en TX/RX de 0 ? 30
> Mhz. 100 W de
> puissance. Mode d'emploi et manuel technique inclus.
>
>
> Avec le Kenwood TS 450, il sera fourni une interface
> de d?codage
> SIGNALINK (cablage Kenwood) + antenne G5RV + filtre
> passe bas
> Wincker.
>
> Le lot est au prix de 700 euros (+ les ?ventuels
> frais de port).
>
> A bient?t.
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2118. Transmit on 40m-band

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-03-31 22:45:25 UTC
From: Karl
Topic: 2118  Message: 2118

Hi group,
In Norway we have just gained access to 7.1 MHz to 7.2 MHz (from april 1st!) on secondary basis. But when I tried to transmit in this band my TS-850SAT wouldn't! Do I have to do the diode switch (take out D11 and put in D9) mod to be able to transmit in this part of the 40m-band? Or is it some other way to do it?
Karl LA1CU

# 2119. Re: [TS-850_450_690] Transmit on 40m-band

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-01 00:21:53 UTC
From: Zack Widup
Topic: 2118  Message: 2119

The diode modification isn't very hard to do. I'd recommend that you do it and then see if it transmits in that segment.

73, Zack W9SZ

On Wed, 31 Mar 2004, Karl wrote:

> Hi group,
> In Norway we have just gained access to 7.1 MHz to 7.2 MHz (from
> april 1st!) on secondary basis. But when I tried to transmit in this
> band my TS-850SAT wouldn't! Do I have to do the diode switch (take
> out D11 and put in D9) mod to be able to transmit in this part of the
> 40m-band? Or is it some other way to do it?
> Karl LA1CU
>

# 2120. Re: Transmit on 40m-band

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-01 02:37:08 UTC
From: Max
Topic: 2118  Message: 2120

Karl,

Remove D11 and see if it transmits there. You may not have to put
D9 in. With D11 cut it should TX anywhere between 1.8 and 30 Mhz.

Max

# 2121. Re: [TS-850_450_690] Transmit on 40m-band

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-01 03:19:19 UTC
From: Bill K0ZL
Topic: 2118  Message: 2121

Congrats on the new band! Hope to see you there
someday.

hoping they move 40 down 200khz, that would be
great... someday.

Just remove D11, sent jpg to you direct.

b

--- Karl <la1cu@...> wrote:
> Hi group,
> In Norway we have just gained access to 7.1 MHz to
> 7.2 MHz (from
> april 1st!) on secondary basis. But when I tried to
> transmit in this
> band my TS-850SAT wouldn't! Do I have to do the
> diode switch (take
> out D11 and put in D9) mod to be able to transmit in
> this part of the
> 40m-band? Or is it some other way to do it?
> Karl LA1CU
>
>

=====

"If in doubt, MODIFY" --k0zl

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[Non-text portions of this message have been removed]

# 2122. SV: [TS-850_450_690] Transmit on 40m-band

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-01 06:10:36 UTC
From: Karl Henrik Laache
Topic: 2118  Message: 2122

Tnx Bill, D11 it is! Hpe cu 2!

Karl LA1CU

-----Opprinnelig melding-----
Fra: Bill K0ZL [mailto:coorsbill@...]
Sendt: 1. april 2004 05:19
Til: TS-850_450_690@yahoogroups.com
Kopi: la1cu@...
Emne: Re: [TS-850_450_690] Transmit on 40m-band

Congrats on the new band! Hope to see you there
someday.

hoping they move 40 down 200khz, that would be
great... someday.

Just remove D11, sent jpg to you direct.

b

--- Karl <la1cu@...> wrote:
> Hi group,
> In Norway we have just gained access to 7.1 MHz to
> 7.2 MHz (from
> april 1st!) on secondary basis. But when I tried to
> transmit in this
> band my TS-850SAT wouldn't! Do I have to do the
> diode switch (take
> out D11 and put in D9) mod to be able to transmit in
> this part of the
> 40m-band? Or is it some other way to do it?
> Karl LA1CU
>
>

=====

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# 2123. Re: SV: [TS-850_450_690] Transmit on 40m-band

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-02 11:43:08 UTC
From: Karl
Topic: 2118  Message: 2123

Hi all. Now it's done, and working. I just cut the D11. So now we
have access to 7.0 to 7.2 MHz together with San Marino and Croatia
in Europe. In LA-land we have bandwidth of 6kHz, so we ca do AM as
well. Tnx and hope to cu sn, all.
Karl LA1CU

--- In TS-850_450_690@yahoogroups.com, "Karl Henrik Laache"
<la1cu@a...> wrote:
> Tnx Bill, D11 it is! Hpe cu 2!
>
> Karl LA1CU
>
> -----Opprinnelig melding-----
> Fra: Bill K0ZL [mailto:coorsbill@y...]
> Sendt: 1. april 2004 05:19
> Til: TS-850_450_690@yahoogroups.com
> Kopi: la1cu@a...
> Emne: Re: [TS-850_450_690] Transmit on 40m-band
>
> Congrats on the new band! Hope to see you there
> someday.
>
> hoping they move 40 down 200khz, that would be
> great... someday.
>
> Just remove D11, sent jpg to you direct.
>
> b
>
>
> --- Karl <la1cu@a...> wrote:
> > Hi group,
> > In Norway we have just gained access to 7.1 MHz to
> > 7.2 MHz (from
> > april 1st!) on secondary basis. But when I tried to
> > transmit in this
> > band my TS-850SAT wouldn't! Do I have to do the
> > diode switch (take
> > out D11 and put in D9) mod to be able to transmit in
> > this part of the
> > 40m-band? Or is it some other way to do it?
> > Karl LA1CU
> >
> >
>

>
> =====
>
> "If in doubt, MODIFY" --k0zl
>
> Need a tech? See our website www.amateur-repairs.com
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# 2124. Re: SV: [TS-850_450_690] Transmit on 40m-band

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-02 13:54:47 UTC
From: Bill K0ZL
Topic: 2118  Message: 2124

Fantastic, Karl! Have fun with your "new" rig and
band. Tell us what antenna you are using on 40. I am
using a fan dipole.

bill

--- Karl <la1cu@...> wrote:
> Hi all. Now it's done, and working. I just cut the
> D11. So now we
> have access to 7.0 to 7.2 MHz together with San
> Marino and Croatia
> in Europe. In LA-land we have bandwidth of 6kHz, so
> we ca do AM as
> well. Tnx and hope to cu sn, all.
> Karl LA1CU
>
> --- In TS-850_450_690@yahoogroups.com, "Karl Henrik
> Laache"
> <la1cu@a...> wrote:
> > Tnx Bill, D11 it is! Hpe cu 2!
> >
> > Karl LA1CU
> >
> > -----Opprinnelig melding-----
> > Fra: Bill K0ZL [mailto:coorsbill@y...]
> > Sendt: 1. april 2004 05:19
> > Til: TS-850_450_690@yahoogroups.com
> > Kopi: la1cu@a...
> > Emne: Re: [TS-850_450_690] Transmit on 40m-band
> >
> > Congrats on the new band! Hope to see you there
> > someday.
> >
> > hoping they move 40 down 200khz, that would be
> > great... someday.
> >
> > Just remove D11, sent jpg to you direct.
> >
> > b
> >
> >
> > --- Karl <la1cu@a...> wrote:
> > > Hi group,
> > > In Norway we have just gained access to 7.1 MHz
> to

> > > 7.2 MHz (from
> > > april 1st!) on secondary basis. But when I
> tried to
> > > transmit in this
> > > band my TS-850SAT wouldn't! Do I have to do the
> > > diode switch (take
> > > out D11 and put in D9) mod to be able to
> transmit in
> > > this part of the
> > > 40m-band? Or is it some other way to do it?
> > > Karl LA1CU
> > >
> > >
> >
> >
> > =====
> >
> > "If in doubt, MODIFY" --k0zl
> >
> > Need a tech? See our website
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"If in doubt, MODIFY" --k0zl

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# 2125. Re: SV: [TS-850_450_690] Transmit on 40m-band

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-03 10:59:32 UTC
From: Karl
Topic: 2118  Message: 2125

Hi Bill and group,
I'm using a W3DZZ 5b dipole antenna, but I'm considering an 80/40 trap vertical. We'll see how far we get during the spring. The only problem about 7.1 -7.2 is that we are not alone there, esp. during the night. There are heaps of BC stations in Europe that are using this band. So we'll have to look at daytime, I think. Maybe we'll meet!
73,s de Karl LA1CU

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Fantastic, Karl! Have fun with your "new" rig and
> band. Tell us what antenna you are using on 40. I am
> using a fan dipole.
>
> bill
>

# 2126. TS-850 schematic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-04 05:17:47 UTC
From: n8hhs2000
Topic: 2126  Message: 2126

i have the service manual thats going around but i need the schematics that are not supplied with it. thare might not be any but i thought i would try.

thanks in advance 73's steve N8HHS

# 2127. Re: [TS-850_450_690] TS-850 schematic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-04 13:04:37 UTC
From: Bill K0ZL
Topic: 2126  Message: 2127

these schematics are huge, very hard to scan; also
photocopies don't do well because of the colors used
in the board layouts and schematics.

By all means if you can find one, purchase a service
manual.

Bill

--- n8hhs2000 <myocum@...> wrote:
> i have the service manual thats going around but i
> need the
> schematics that are not supplied with it. thare
> might not be
> any but i thought i would try.
>
>
> thanks in advance 73's steve
> N8HHS
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2128. Re: TS-850 schematic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-05 00:37:28 UTC
From: Larry Nixon
Topic: 2126  Message: 2128

There is a copy of the service manaul and op manual at the links
below. Not sure if they have the schematics in them or not.

http://www.mods.dk/view.php?ListManuals=kenwood

http://www.cqham.ru/sch_eng.html

larry

--- In TS-850_450_690@yahoogroups.com, "n8hhs2000" <myocum@c...>
wrote:
> i have the service manual thats going around but i need the
> schematics that are not supplied with it. thare might not be
> any but i thought i would try.
>
>
> thanks in advance 73's steve N8HHS

# 2129. Re: TS-850 schematic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-05 01:54:19 UTC
From: Max
Topic: 2126  Message: 2129

--- In TS-850_450_690@yahoogroups.com, "Larry Nixon" <lfnca@y...>
wrote:
> There is a copy of the service manaul and op manual at the links
> below. Not sure if they have the schematics in them or not.
>
> http://www.mods.dk/view.php?ListManuals=kenwood
>
> http://www.cqham.ru/sch_eng.html
>
> larry

No, they do not.

# 2130. Leaving the group... :-(

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-09 08:46:58 UTC
From: Joseph
Topic: 2130  Message: 2130

Hi all... I feel a bit sad while leaving this great group, but I have to cut down the number of messages I receive every day plus, even more sad to be said, I've sold my 850 a few days ago...

I traded to an FT-1000MP MarkV Field, which is a monster Radio, but has yet to prove me to be a better receiver than the 850...

First impression is that is more prone to bring-in QRN or man-made noises and the NB is less effective for sure...

But I wanted a dual receiver Radio and this one was within my reach (...well... it was actually a bit OUT of my reach, but I feel you all know how these sort of things go ;-) ).

Just want to say THANK YOU all people on the list, and a special THANK YOU to Bill, for the huge effort of maintaining it... you have all been very helpful when I placed questions...

So, ciao everybody, keep enjoing HAM Radio, and GL to all...

Happy Easter from Joe, IW7ECJ, Italy... 73!

# 2131. Power output problem in CW/PSK/FM mode Kenwood TS-850Sat

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-10 19:46:29 UTC
From: The SixManiac
Topic: 2131  Message: 2131

Dear all,

I have a problem with my KWD TS-850sat. When I select a frequency band and tune the rig with the build in ATU, I switch to CW, FSK or FM mode. When I PTT just after tuning, I observed that the output power starts at about 60 watts and slowly goes up to the normal 90 watts in about 3 to 4 seconds. When full output power is available, all times there was full output. Only after re-tuning it drops to 60 watt and then slowly back up to 90 watts.

Strange enough I do not see this problem in SSB mode, full output is available when I PTT every time.

Who had this problem before and can help me so that I can do some fault finding my UFB rig? (I LOVE this radio!!)

I hope to see your replies soon,

With kindest regards and 73, de Kees - pa7two - m5two

[Non-text portions of this message have been removed]

# 2132. a question about am reception on the 850.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-11 17:54:55 UTC
From: n4qde
Topic: 2132  Message: 2132

a big hello and happy easter to all who enjoy ham radio and this group.i have a question about the am band reception and the ham band reception on my 850.heres the question:why are the static crashes on the 850 am band suppressed and broadcast more easily heard than when tuned to signals on 160mtrs?.heres an example:last night i was on 160mtrs,there was quite a bit of static crashes but,not so bad to inhibit a qso.i was tuning thru the 160mtr band and thought to myself how the static crashes were on the am broadcast band.so it tuned down to 1.600 and noticed a drastic difference in noise level.....there was almost no static crashes -it was easy to hear the stations.i tuned the entire broadcast band to its upper and lower limits.just past the edge of either limit-going slightly out of the band,the static crashes drasticly increased in noise level.with 160mtrs just up the "road" from the am broadcast band,you would think the noise would be at almost the same level-but its not.the increase in noise level also occured just past the low end limit of the am broadcast band.if there is some sort of noise suppression circuit involved with the am broadcast band,its working great and i wished kenwood would have added it as a switchable feature for the ham bands.also note the same results were had in either sideband or am mode there was no difference.so what do u guys think?-is there a suppression circuit or not.my 850 works great in every way.thanks in advance...Larry N4QDE 73

# 2133. Re: [TS-850_450_690] a question about am reception on the 850.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-11 19:06:31 UTC
From: Paul Manuel
Topic: 2132  Message: 2133

--- n4qde <wldn96@...> wrote:
>so what do u guys think?-is there a suppression circuit or
> not.my 850 works great in every way.thanks in advance...Larry N4QDE 73

Larry,
Happy Easter to you too! Sorry, the difference in the static crashes is due to the presence of an automatic attenuator that is switched in when the 850 tunes below about 1.7 MHZ. (Many radios do this to avoid broadcast stations from overloading the receiver.) There is a mod to remove the attenuator if you so desire, thereby making the rig as sensitive to signals (static and all) as it is on 160.
73,
Paul K4PDM

_____
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# 2134. Re: [TS-850_450_690] a question about am reception on the 850.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-11 20:04:36 UTC
From: Bill K0ZL
Topic: 2132  Message: 2134

Larry, there is a 20db resistive pad built into the
850 in the bandpass filter for the AM band, from
500khz to 1600 khz.

On 160 you can get the same effect by turning ON AIP
or by engaging the attenuator(s). You can also play
with the RF gain to keep from getting a migraine on
the low bands during the summer.

I often run CW on the narrow filters, with AIP ON
(that is, the preamp OFF) and RF gain reduced a bit,
and have a great time. Sometimes we have to run a bit
of power, but 80 can be a lot of fun in the summer
time. Where else can you have a QSO and get serenaded
by nature at the same time?

b

--- n4qde <wldn96@...> wrote:
> a big hello and happy easter to all who enjoy ham
> radio and this
> group.i have a question about the am band reception
> and the ham band
> reception on my 850.heres the question:why are the
> static crashes on
> the 850 am band suppressed and broadcast more easily
> heard than when
> tuned to signals on 160mtrs?.heres an example:last
> night i was on
> 160mtrs,there was quite a bit of static crashes
> but,not so bad to
> inhibit a qso.i was tuning thru the 160mtr band and
> thought to myself
> how the static crashes were on the am broadcast
> band.so it tuned down
> to 1.600 and noticed a drastic difference in noise
> level.....there
> was almost no static crashes -it was easy to hear
> the stations.i
> tuned the entire broadcast band to its upper and
> lower limits.just
> past the edge of either limit-going slightly out of
> the band,the
> static crashes drasticly increased in noise
> level.with 160mtrs just
> up the "road" from the am broadcast band,you would

> think the noise
> would be at almost the same level-but its not.the
> increase in noise
> level also occured just past the low end limit of
> the am broadcast
> band.if there is some sort of noise suppression
> circuit involved with
> the am broadcast band,its working great and i wished
> kenwood would
> have added it as a switchable feature for the ham
> bands.also note the
> same results were had in either sideband or am mode
> there was no
> difference.so what do u guys think?-is there a
> suppression circuit or
> not.my 850 works great in every way.thanks in
> advance...Larry N4QDE 73
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2135. Re: [TS-850_450_690] a question about am reception on the 850.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-11 22:22:50 UTC
From: Zack Widup
Topic: 2132  Message: 2135

There is an attenuator built into the 850 which seriously attenuates that range of frequencies. There is a mod for it at www.mods.dk. The first thing I did when I got my 850 was to remove this attenuator per the mod.

The 440 has the same thing. I also removed the attenuation from my 440.

AM band DXing is a different world with the attenuation removed!

73, Zack W9SZ

On Sun, 11 Apr 2004, n4qde wrote:

> a big hello and happy easter to all who enjoy ham radio and this
> group.i have a question about the am band reception and the ham band
> reception on my 850.heres the question:why are the static crashes on
> the 850 am band suppressed and broadcast more easily heard than when
> tuned to signals on 160mtrs?.heres an example:last night i was on
> 160mtrs,there was quite a bit of static crashes but,not so bad to
> inhibit a qso.i was tuning thru the 160mtr band and thought to myself
> how the static crashes were on the am broadcast band.so it tuned down
> to 1.600 and noticed a drastic difference in noise level.....there
> was almost no static crashes -it was easy to hear the stations.i
> tuned the entire broadcast band to its upper and lower limits.just
> past the edge of either limit-going slightly out of the band,the
> static crashes drasticly increased in noise level.with 160mtrs just
> up the "road" from the am broadcast band,you would think the noise
> would be at almost the same level-but its not.the increase in noise
> level also occured just past the low end limit of the am broadcast
> band.if there is some sort of noise suppression circuit involved with
> the am broadcast band,its working great and i wished kenwood would
> have added it as a switchable feature for the ham bands.also note the
> same results were had in either sideband or am mode there was no
> difference.so what do u guys think?-is there a suppression circuit or
> not.my 850 works great in every way.thanks in advance...Larry N4QDE 73
>

# 2136. Thanks for all the great replys re: am reception on my 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-12 01:26:29 UTC
From: n4qde
Topic: 2136  Message: 2136

although the subject line said it all,i knew if i brought this question to the group,i would get an answer!.the alternative reception adjustments and mods are most welcome aswell.i have played with the A.I.P and the attenuator pads but just figured kenwood had added a super "beyond the call of duty suppression circuit"for the am broadcast band.so,a swichable cicuit is available in the form for the A.I.P. HA!!.as the kids today say: "a way cool feature".but wait theres more,the kenwood ts-850 is a way cool rig!!!!.thanks again guys.and since easter 2004 is about to close,i hope you had a great one...we did!!.....Larry N4QDE-73!

# 2137. Re: a question about am reception on the 850.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-12 03:51:28 UTC
From: Max
Topic: 2132  Message: 2137

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@p...> wrote:
> There is an attenuator built into the 850 which seriously
attenuates that
> range of frequencies. There is a mod for it at www.mods.dk.

Contrary to what it says on mods.dk, you do not have to remove the
board to do the mod. The two solder points are easily accessible
after removing the shield at the rear of the RF board.

Max

# 2138. Re: [TS-850_450_690] Re: a question about am reception on the 850.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-12 08:26:37 UTC
From: RobertV
Topic: 2132  Message: 2138

At 12/04/2004 04:53, you wrote:

>--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@p...> wrote:
>> There is an attenuator built into the 850 which seriously
>attenuates that
>> range of frequencies. There is a mod for it at www.mods.dk.
>
>Contrary to what it says on mods.dk, you do not have to remove the
>board to do the mod. The two solder points are easily accessible
>after removing the shield at the rear of the RF board.

Yes, I did the mod from the top too. Completed in under 15 minutes.
No adverse affects noted.

Rv!

# 2139. Re: [TS-850_450_690] Leaving the group... :-(

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-12 18:49:34 UTC
From: Bill K0ZL
Topic: 2130  Message: 2139

Take care, Joe and when you get that 850 back, let us
know! hi!

73,

Bill

--- Joseph <iw7ecj@...> wrote:
> Hi all... I feel a bit sad while leaving this great
> group, but I have
> to cut down the number of messages I receive every
> day plus, even
> more sad to be said, I've sold my 850 a few days
> ago...
>
> I traded to an FT-1000MP MarkV Field, which is a
> monster Radio, but
> has yet to prove me to be a better receiver than the
> 850...
>
> First impression is that is more prone to bring-in
> QRN or man-made
> noises and the NB is less effective for sure...
>
> But I wanted a dual receiver Radio and this one was
> within my reach
> (...well... it was actually a bit OUT of my reach,
> but I feel you all
> know how these sort of things go ;-) ).
>
> Just want to say THANK YOU all people on the list,
> and a special
> THANK YOU to Bill, for the huge effort of
> maintaining it... you have
> all been very helpful when I placed questions...
>
> So, ciao everybody, keep enjoing HAM Radio, and GL
> to all...
>
> Happy Easter from Joe, IW7ECJ, Italy... 73!
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2140. Re: [TS-850_450_690] Thanks for all the great replys re: am reception on my 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-12 19:04:05 UTC
From: Bill K0ZL
Topic: 2136  Message: 2140

Larry, I am glad that you are happy with the radio.

As will all modern rigs, there is far too much gain built into the front end and early stages of the receiver; at least too much for 160-20 meters. Above 20 the extra gain is needed. Good thing it's switchable.

By the way, with AIP ON, the preamp is bypassed and you have a "direct feed 1st mixer" radio just like the older TenTecs used to use... very quite and intermod resistant that way.

Also, the 850 actually uses two different preamps; the one for below 21Mhz (I think that is the cutoff) is a dual JFET, with parallel JFET devices; it runs pretty warm so you don't get as much intermod in it from strong nearby sigs. The one for above 21 Mhz is a pair of dual-gate FETs I think; greater gain, but more prone to intermod. But since sigs are generally weaker up there, it's not a problem.

Take a look at the RF unit schematic and you will see the two different circuits, just to the right of the bandpass filters.

The 450 has much the same idea but less robust design. Still quite useful.

Just a FYI for the 850 owners to groove on.

b

--- n4qde <wldn96@...> wrote:
> although the subject line said it all,i knew if i
> brought this
> question to the group,i would get an answer!.the
> alternative
> reception adjustments and mods are most welcome
> aswell.i have played
> with the A.I.P and the attenuator pads but just
> figured kenwood had
> added a super "beyond the call of duty suppression
> circuit"for the am
> broadcast band.so,a swichable cicuit is available in

> the form for the
> A.I.P. HA!!.as the kids today say: "a way cool
> feature".but wait
> theres more,the kenwood ts-850 is a way cool
> rig!!!!.thanks again
> guys.and since easter 2004 is about to close,i hope
> you had a great
> one...we did!!.....Larry N4QDE-73!
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2141. A welcome to all new members

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-15 11:09:48 UTC
From: Max
Topic: 2141  Message: 2141

We've had many new members join our great group over the last few weeks, and on behalf of Bill and myself, I would like to welcome all of you. We have a great group of people here, so if you have any questions about your 450, 690 or 850, don't hesitate to ask.

Max, VE3TMT
Bill, K0ZL

# 2142. My new(old) TS-450s/at

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-15 16:07:00 UTC
From: R. Braddock
Topic: 2142  Message: 2142

Hi all,

I just received my TS-450s/at today. It has a small problem that I would like to look into. The number 3 key does not seem to function and I will need to remove the faceplate in order to see why. That procedure is straightforward enough, but I do not know how to remove the main tuning knob. I cannot see down into the hole on the knob, so I do not know if there is a straight setscrew, allen type or what. If someone knows, please let me know.

Thanks,
KI4BFC

# 2143. Re: [TS-850_450_690] A welcome to all new members

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-15 22:43:50 UTC
From: Bill K0ZL
Topic: 2141  Message: 2143

Thanks Max.

Between all the groups we belong to, many many rigs
have been fixed and many people helped.

Jesus said to do it.

73 all!

Bill K0ZL

--- Max <ve3tmt@...> wrote:
> We've had many new members join our great group over
> the last few
> weeks, and on behalf of Bill and myself, I would
> like to welcome all
> of you. We have a great group of people here, so if
> you have any
> questions about your 450, 690 or 850, don't hesitate
> to ask.
>
> Max, VE3TMT
> Bill, K0ZL
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2144. Re: My new(old) TS-450s/at

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-16 00:16:34 UTC
From: R. Braddock
Topic: 2142  Message: 2144

Nevermind, I figured out that it is an allen type. I found the problem (purely mechanical) and am On THe Air!

KI4BFC

--- In TS-850_450_690@yahoogroups.com, "R. Braddock" <ki4bfc@a...> wrote:
> Hi all,
>
> I just received my TS-450s/at today. It has a small problem that I
> would like to look into. The number 3 key does not seem to function
> and I will need to remove the faceplate in order to see why. That
> procedure is straightforward enough, but I do not know how to remove
> the main tuning knob. I cannot see down into the hole on the knob, so
> I do not know if there is a straight setscrew, allen type or what. If
> someone knows, please let me know.
>
> Thanks,
> KI4BFC

# 2145. Re: [TS-850_450_690] My new(old) TS-450s/at

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-15 22:34:57 UTC
From: John
Topic: 2142  Message: 2145

I think its 1.5 MM ......you can but those little Allen wrench's at Ace hardware for like 30 cent

73 john

# 2146. Re: [TS-850_450_690] My new(old) TS-450s/at

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-15 22:31:24 UTC
From: John
Topic: 2142  Message: 2146

It a metric Allen ......I don't remember what size..But is close to 1/16 ...

john

# 2147. Re: [TS-850_450_690] My new(old) TS-450s/at

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-16 03:20:15 UTC
From: Bill K0ZL
Topic: 2142  Message: 2147

That is a 1.5MM hex screw... get set of metric allen
wrenches from your local Auto parts store.

b

--- "R. Braddock" <ki4bfc@...> wrote:
> Hi all,
>
> I just received my TS-450s/at today. It has a small
> problem that I
> would like to look into. The number 3 key does not
> seem to function
> and I will need to remove the faceplate in order to
> see why. That
> procedure is straightforward enough, but I do not
> know how to remove
> the main tuning knob. I cannot see down into the
> hole on the knob, so
> I do not know if there is a straight setscrew, allen
> type or what. If
> someone knows, please let me know.
>
> Thanks,
> KI4BFC
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2148. Anyone ever try this stuff?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-16 06:31:38 UTC
From: Larry Nixon
Topic: 2148  Message: 2148

I was in some marine/RV/Auto shops looking for one of the
electronic desulphater units when I found this product from Kleen-flo

http://www.kleenflo.com/440~1.htm

just wondering if anyone here has tried it. Cost was around $6 Cdn
and would treat one battery.

# 2149. 850s

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-17 12:15:06 UTC
From: Jean-Guy Landry
Topic: 1230  Message: 2149

where would a person find this chip or new baoard ? besides Elkel.
here is problem.

DISTORTION ON LSB AND USB
CAN`T TRANSMIT.

IN 1994
PROPLEM
THE RECEIVE IS ALL DISTORTION ON LSB AND USB
CAN`T TRANSMIT
IT WILL NOT TUNE
ELKEL REPLACE ONE CHIP NO YM6631 [ IC DDS ]

IN 1999
PROPLEM
THE RECEIVE IS ALL DISTORTION ON ON LSB AND USB
AGAIN THE REPLACE ONE OF THE YM6631 [ IC DDS]

I GUESS THERE IS FOUR YM6631 WHICH ONE APPLY REALLY DON`T KNOW.

de Jean-Guy/ve9buf

# 2150. Re: 850s

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-17 14:42:26 UTC
From: Max
Topic: 1230  Message: 2150

Try East Coast Transistor, they list them at $28 US each.

http://www.kenwoodparts.com/parts/search.php

Type in YM6631 in the part number box.

Max

# 2151. 850 power supply & amp hookup

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-17 15:53:23 UTC
From: ve3ral
Topic: 2151  Message: 2151

Hi all, I have just purchased an 850AT and I need a power supply. Do you have to have a special cable to hook up to a standard power supply ie Alinco DM-330MV. Also I need to know about hooking up an amp (heathkit 220). Thanks Ralph ve3ral. (fairly new ham)

# 2152. Re: 850s

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-18 11:03:39 UTC
From: Karl
Topic: 1230  Message: 2152

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> Try East Coast Transistor, they list them at $28 US each.
>
> http://www.kenwoodparts.com/parts/search.php
>
> Type in YM6631 in the part number box.
>
> Max

Yes they deliver quickly. On my TS-850 all four DDS chips with type
# YM6631 is (on three differnt occations) changed. I would consider
changing all of the old ones YM6631 with the newer ones with #
YM66312 as there seems to be a reliability problem with certain
series of these chips. Cf this page:
http://n6tr.jzap.com/850repair.html
Karl LA1CU

# 2153. Re: [TS-850_450_690] 850 power supply & amp hookup

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-18 17:28:45 UTC
From: Bill K0ZL
Topic: 2151  Message: 2153

The stock cable that came with the 850 will work fine.

If you don't have one, get the Icom OPC-24 I think it
is, same wiring and less expensive.

I think MFJ sells one that will work and they are the
least expensive at about 24.00 shipped. It is the
MFJ-5535

73,

bill

--- ve3ral <r.smoke@...> wrote:
> Hi all, I have just purchased an 850AT and I need a
> power supply. Do
> you have to have a special cable to hook up to a
> standard power
> supply ie Alinco DM-330MV. Also I need to know about
> hooking up an
> amp (heathkit 220). Thanks Ralph ve3ral. (fairly new
> ham)
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2154. Used Service Manuals

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-19 16:26:16 UTC
From: n7ioh
Topic: 2154  Message: 2154

There is a TS-850S and a TS-940 service manual for sale on ebay.
These are origional used manuals. He also has several _other _ham radio
service manuals listed under, "view seller's other items" for anyone
interested. If you go to item #3092409048 you can find them.

Al N7IOH

# 2155. Re: Used Service Manuals

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-20 02:24:52 UTC
From: Max
Topic: 2154  Message: 2155

--- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
> There is a TS-850S and a TS-940 service manual for sale on
ebay.
> These are origional used manuals. He also has several _other _ham
radio
> service manuals listed under, "view seller's other items" for
anyone
> interested. If you go to item #3092409048 you can find them.
>
> Al N7IOH

I sent him an e-mail. No board layouts are included in the manual.
Manuals without board layouts are available off the net free from
many sites.

Max

# 2156. Noise generated by the 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-20 14:50:43 UTC
From: Duncan Cameron
Topic: 2156  Message: 2156

I am hoping I can get some help in understanding something that I discovered quite by accident. This weekend by daughter came into the shack while I was listening to the 850. She was carrying one of those Grundig "crank up" radios that has AM/FM/SW1/SW2 bands. She was tuned to the upper section of the AM band (around 1.70) I noticed as she got closer there was a loud buzzing on the radio. When she moved away the buzzing got softer. I turned the 850 off and the buzzing disappeared. I verfied that it was not coming from the power supply. I disconnected every cable hooked to the radio but the power cable, the buzzing was still there. It also showed up on the Shortwave band up to around 4.0kHz and then faded away. I was also able to hear the buzzing on a second hamband receiver on the 160 meter band. Is this normal for the 850 to generate this much noise in close proximity to the radio?
Thanks
Scott C.

# 2157. Re: [TS-850_450_690] Noise generated by the 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-21 13:46:49 UTC
From: Bill K0ZL
Topic: 2156  Message: 2157

I suspect that is from the hi voltage converter for
the fluorescent display. Switch to "dim" and see if
the noise changes.

b

--- Duncan Cameron <dxer10@...> wrote:
> I am hoping I can get some help in understanding
> something that I
> discovered quite by accident. This weekend by
> daughter came into the
> shack while I was listening to the 850. She was
> carrying one of those
> Grundig "crank up" radios that has AM/FM/SW1/SW2
> bands. She was tuned
> to the upper section of the AM band (around 1.70) I
> noticed as she
> got closer there was a loud buzzing on the radio.
> When she moved away
> the buzzing got softer. I turned the 850 off and the
> buzzing
> disappeared. I verfied that it was not coming from
> the power supply.
> I disconnected every cable hooked to the radio but
> the power cable,
> the buzzing was still there. It also showed up on
> the Shortwave band
> up to around 4.0kHz and then faded away. I was also
> able to hear the
> buzzing on a second hamband receiver on the 160
> meter band. Is this
> normal for the 850 to generate this much noise in
> close proximity to
> the radio?
> Thanks
> Scott C.
>
>

=====

"If in doubt, MODIFY" --k0zl

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http://photos.yahoo.com/ph/print_splash

# 2158. Re: Noise generated by the 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-22 12:28:37 UTC
From: Duncan Cameron
Topic: 2156  Message: 2158

Bill-Thanks for the suggestion. Nope, not the display. I have not heard of this being a problem for anyone else, so there must be something going on in the radio, but I can't figure out what it could be. If I could get some sense of what may be causing it, I would take it to my local repair person, but without knowing where to start looking for the cause it would be wasted money.
Scott

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> I suspect that is from the hi voltage converter for
> the fluorescent display. Switch to "dim" and see if
> the noise changes.
>
> b
>
> --- Duncan Cameron <dxer10@h...> wrote:
> > I am hoping I can get some help in understanding
> > something that I
> > discovered quite by accident. This weekend by
> > daughter came into the
> > shack while I was listening to the 850. She was
> > carrying one of those
> > Grundig "crank up" radios that has AM/FM/SW1/SW2
> > bands. She was tuned
> > to the upper section of the AM band (around 1.70) I
> > noticed as she
> > got closer there was a loud buzzing on the radio.
> > When she moved away
> > the buzzing got softer. I turned the 850 off and the
> > buzzing
> > disappeared. I verfied that it was not coming from
> > the power supply.
> > I disconnected every cable hooked to the radio but
> > the power cable,
> > the buzzing was still there. It also showed up on
> > the Shortwave band
> > up to around 4.0kHz and then faded away. I was also
> > able to hear the
> > buzzing on a second hamband receiver on the 160
> > meter band. Is this
> > normal for the 850 to generate this much noise in
> > close proximity to
> > the radio?
> > Thanks

> > Scott C.
> >
> >
>
>
> =====
>
> "If in doubt, MODIFY" --k0zl
>
> Need a tech? See our website www.amateur-repairs.com
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> _____
> Do you Yahoo!?
> Yahoo! Photos: High-quality 4x6 digital prints for 25¢
> http://photos.yahoo.com/ph/print_splash

# 2159. TS-850 Xmit Audio comes thru Speaker+ALC Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-22 20:07:11 UTC
From: jim999us
Topic: 2159  Message: 2159

These problems may be related ☐ don't know yet.

When Xmitting SSB, distorted audio comes thru the speaker, or phones, internal or external speaker. The level of this audio seems to be dependent on RF output. ☐ It makes no difference transmitting into a dummy load or various antennas ☐ it seems to be getting worse over the past couple months. I use an amplified external speaker and when that unit is powered up, of course the xmit audio `bleedthrough" is even more noticeable.

I saw reference to this same problem back in msg #1657, but no solution was ever posted (that I can find).

Prob # 2. ALC meter reads about ½ scale when xmitting in ssb mode ☐ no audio applied.
The radio receives and xmits just fine .. always good ssb audio reports no real sure how long this ALC meter problem has existed. Perhaps the DC-DC converter failing again; it has been replaced at least once, last time about 4 yrs ago.

Haven't opened up the rig to troubleshoot this /these problems yet, am hoping someone has had these same symptoms along with the cure(s)
Thank you,
Jim K7AYO k7ayo_jim@...

Pls post replies or email direct to k7ayo_jim at Comcast.net

# 2160. Re: [TS-850_450_690] Re: Noise generated by the 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-22 21:01:35 UTC
From: Bill K0ZL
Topic: 2156  Message: 2160

I have not heard this noise in mine.

I still suspect the DC-DC converter for the display;
that is about the only thing in the radio with enough
poop to be heard.

b

--- Duncan Cameron <dxer10@...> wrote:
> Bill-Thanks for the suggestion. Nope, not the
> display. I have not
> heard of this being a problem for anyone else, so
> there must be
> something going on in the radio, but I can't figure
> out what it could
> be. If I could get some sense of what may be causing
> it, I would take
> it to my local repair person, but without knowing
> where to start
> looking for the cause it would be wasted money.
> Scott
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
> > I suspect that is from the hi voltage converter
> for
> > the fluorescent display. Switch to "dim" and see
> if
> > the noise changes.
> >
> > b
> >
> > --- Duncan Cameron <dxer10@h...> wrote:
> > > I am hoping I can get some help in understanding
> > > something that I
> > > discovered quite by accident. This weekend by
> > > daughter came into the
> > > shack while I was listening to the 850. She was
> > > carrying one of those
> > > Grundig "crank up" radios that has AM/FM/SW1/SW2
> > > bands. She was tuned
> > > to the upper section of the AM band (around
> 1.70) I
> > > noticed as she
> > > got closer there was a loud buzzing on the

> radio.
> > > When she moved away
> > > the buzzing got softer. I turned the 850 off and
> the
> > > buzzing
> > > disappeared. I verfied that it was not coming
> from
> > > the power supply.
> > > I disconnected every cable hooked to the radio
> but
> > > the power cable,
> > > the buzzing was still there. It also showed up
> on
> > > the Shortwave band
> > > up to around 4.0kHz and then faded away. I was
> also
> > > able to hear the
> > > buzzing on a second hamband receiver on the 160
> > > meter band. Is this
> > > normal for the 850 to generate this much noise
> in
> > > close proximity to
> > > the radio?
> > > Thanks
> > > Scott C.
> > >
> > >
> >
> >
> > =====
> >
> > "If in doubt, MODIFY" --k0zl
> >
> > Need a tech? See our website
> www.amateur-repairs.com
> >
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> >
> > _____________________________________
> > Do you Yahoo!?
> > Yahoo! Photos: High-quality 4x6 digital prints for
> 25?
> > http://photos.yahoo.com/ph/print_splash
>
>

=====

"If in doubt, MODIFY" --k0zl

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Do you Yahoo!?
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http://photos.yahoo.com/ph/print_splash

# 2161. Re: [TS-850_450_690] TS-850 Xmit Audio comes thru Speaker+ALC Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-22 23:38:59 UTC
From: Bill K0ZL
Topic: 2159  Message: 2161

On the IF unit, bottom of rig, right side, toward the front, will be two lines you can test; one is 8T and the other is 8R or something like that... anyway they are the 8 volt transmit and 8v receive control lines. These should be switching cleanly between receive and transmit with no residual voltage at all showing on the opposite line.

b

--- jim999us <jim999us@...> wrote:
> These problems may be related ? don't know yet.
>
> When Xmitting SSB, distorted audio comes thru the
> speaker, or phones,
> internal or external speaker. The level of this
> audio seems to be
> dependent on RF output. ? It makes no difference
> transmitting into a
> dummy load or various antennas ? it seems to be
> getting worse over
> the past couple months. I use an amplified external
> speaker and when
> that unit is powered up, of course the xmit audio
> `bleedthrough" is
> even more noticeable.
>
> I saw reference to this same problem back in msg
> #1657, but no
> solution was ever posted (that I can find).
>
>
> Prob # 2. ALC meter reads about ? scale when
> xmitting in ssb mode ?
> no audio applied.
> The radio receives and xmits just fine .. always
> good ssb audio
> reports ? no real sure how long this ALC meter
> problem has existed.
> Perhaps the DC-DC converter failing again; it has
> been replaced at
> least once, last time about 4 yrs ago.
>
> Haven't opened up the rig to troubleshoot this

> /these problems yet,
> am hoping someone has had these same symptoms along
> with the cure(s)
> Thank you,
> Jim K7AYO k7ayo_jim@...
>
>
> Pls post replies or email direct to k7ayo_jim at
> Comcast.net
>
>
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>

=====

"If in doubt, MODIFY" --k0zl

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Do you Yahoo!?
Yahoo! Photos: High-quality 4x6 digital prints for 25?
http://photos.yahoo.com/ph/print_splash

# 2162. Re: Whats the Differences Between the 850 and 450???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-25 20:27:44 UTC
From: ft920yaesu1997
Topic: 2059  Message: 2162

Thanks
I am looking for a 850s now
I may even sell my 570DG

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "ft920yaesu1997"
> <ft920yaesu1997@y...> wrote:
> > Whats the Differences Between the 850 and 450???
> >
> > Plus and minuses?
> > I want one or the other
> >
> > Thanks
> > Scott
>
> Scott,
>
> The only minus is that the 850 cost more. But for the price
> difference it is 5 times the radio. Dynamite receiver, excellent
> transmit audio, fantastic filtering. No DSP though. Judging by
your
> ID I will guess you have or had had a 920. I have owned both the
920
> and the 850 and the 850, even without DSP runs circles around the
> 920. The slope tuning and notch circuits on the 850 are great at
> interference reduction, and as I said the transmit audio can't be
> beat. The 450 is a very good radio as well, but for the extra
couple
> hundred dollars, I would opt for the 850.
>
> Max

# 2163. Re: Whats the Differences Between the 850 and 450???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-26 02:26:36 UTC
From: Max
Topic: 2059  Message: 2163

--- In TS-850_450_690@yahoogroups.com, "ft920yaesu1997"
<ft920yaesu1997@y...> wrote:
> Thanks
> I am looking for a 850s now
> I may even sell my 570DG

Owned a 570 not too long ago. I am on my third 850. I keep getting
rid of them, but always end up wanting another!

# 2164. Re: [TS-850_450_690] Re: Whats the Differences Between the 850 and 450???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-26 03:06:21 UTC
From: Bob Snelgrove
Topic: 2059  Message: 2164

I'd like to hear your take on the pro/con differences between the 850 and
570dg?

thx

bob

At 02:26 AM 4/26/2004 -0000, you wrote:
>--- In TS-850_450_690@yahoogroups.com, "ft920yaesu1997"
><ft920yaesu1997@y...> wrote:
>> Thanks
>> I am looking for a 850s now
>> I may even sell my 570DG
>
>Owned a 570 not too long ago. I am on my third 850. I keep getting
>rid of them, but always end up wanting another!
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
>
>
>
>
>
>
KG6TBY

# 2165. Re: Whats the Differences Between the 850 and 450???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-26 20:17:29 UTC
From: Max
Topic: 2059  Message: 2165

--- In TS-850_450_690@yahoogroups.com, Bob Snelgrove <steelgtr@i...>
wrote:
> I'd like to hear your take on the pro/con differences between the
850 and
> 570dg?

First off I really like the look of the 570. After swapping out the stock 2.4 filter for a 3.0 k from a TS930, the AM receive was amazing. It also sounded very nice with my Heil mic. I found it a little too small for my big fingers which is the only reason I got rid of it. I don't have enough money for more than one radio, that is why I am always trading. I found the DSP to be a little fuzzy, although I have yet to hear one that isn't. The 850 in my opinion has one of the quietest receivers I have heard. And the transmit audio is legendary. I will add an internal DSP unit to mine just in case but other than that there isn't much you can do to them. If it only had 2 meters!

Max

# 2166. TS-850 problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-26 23:26:52 UTC
From: Paul Manuel
Topic: 2059  Message: 2166

Hi everyone,
My 850SAT has worked perfectly for the two years that I have had it. Now, a problem has developed--no receive above the AM broadcast band, in any mode. It sounds similar to a problem listed on the 850 repair page, but not exactly the same. The radio seems to transmit properly and the tuner tunes as it should, but above 1.7 MHz there is no S-meter reading, and just a very high-pitched tone from the speaker (probably 14-15 kHz, most hams wouldn't hear it.) Any thoughts?
Yes, I have tried a different antenna hooked up straight to rig, no luck.

Any help is appreciated!
73,
Paul K4PDM

_____
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# 2167. RS232 Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-27 19:28:27 UTC
From: Andy
Topic: 2167  Message: 2167

Hi all

I have connected my TS850 to the computer with and original Kenwood IF232C
but..... NOTHING
Do I miss any news to know to make this connection?

I tried with HAM RADIO DELUX and TS850 software but nothing

Do I have to activate something on the menù? unfortunately I have not the
manual for the IF232C does somebody know where I can download or read it?

73

IZØEHO Andrea Pellegrini
icq 16829125
http://it.geocities.com/iz0eho

---

A T T E N T I O N ! ! !
Outgoing mail is certified Virus Free.
AVG PRO 7
Checked by AVG Anti-Virus (http://www.grisoft.com).
Version: 7.0.230 / Virus Database: 262.9.7 - Release Date: 26/04/04

[Non-text portions of this message have been removed]

# 2168. Re: [TS-850_450_690] RS232 Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-27 20:08:45 UTC
From: RobertV
Topic: 2167  Message: 2168

At 27/04/2004 20:28, you wrote:
>I have connected my TS850 to the computer with and original Kenwood IF232C
>but.......... NOTHING
>Do I miss any news to know to make this connection?
I do not remember having to do anything to make it work. The IF232 should send data to the computer at all times.

>I tried with HAM RADIO DELUX and TS850 software but nothing
Try connecting the IF232 to your computer and run Hyperterminal.
This should allow you to see the data packets.

>Do I have to activate something on the menù?
No.

>unfortunately I have not the
>manual for the IF232C does somebody know where I can download or read it?
I have sent you it. Hopefully it has arrived.

Robert
MM0ANT

Sick of Spam? Visit http://keir.net/k9.html

# 2169. Re: [TS-850_450_690] RS232 Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-27 20:20:53 UTC
From: RobertV
Topic: 2167  Message: 2169

>
>I do not remember having to do anything to make it work. The IF232 should send data
>to the computer at all times.

I now remember the radio responds to commands in normal use. If you send
AI1; to it the radio will then send its information every 1.5s approx.

See the manual.

Robert

Sick of Spam? Visit http://keir.net/k9.html

# 2170. TS-450 & TS-850 soon to be useless

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-28 19:44:13 UTC
From: Bob Schmidt
Topic: 2170  Message: 2170

If you don't join the Grassroots Campaign on BPL
http://www.arrl.org/tis/info/HTML/plc/cta/

# 2171. Re: [TS-850_450_690] TS-450 & TS-850 soon to be useless

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-29 03:41:37 UTC
From: Bill K0ZL
Topic: 2170  Message: 2171

Bob and group,

I understand how important this subject is, however,
groups can get mired down in it. I believe there is a
Yahoo group for BPL discussions; here is one:

http://groups.yahoo.com/group/BPLandHamRadio/

thanks

Bill K0ZL

--- Bob Schmidt <r.p.schmidt@...> wrote:
> If you don't join the Grassroots Campaign on BPL
> http://www.arrl.org/tis/info/HTML/plc/cta/
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2172. AM carrier not stable on ts-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-29 05:36:09 UTC
From: kg6ale
Topic: 2172  Message: 2172

On am my carrier is not stabel. At 15 watts it has a tendency to either drop or go up to 40 watts. When set for am at 25 watts it will stay but as soon as I modulate it jumps to 40 watts and stays there. Anybody with an answer would be greatly appreciated! On the FM side it is very stable this problem only occurs in the AM mode.

Thanks
Jim

73
w6ale

# 2173. TS850S Slope tune parts needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-29 14:46:25 UTC
From: Christiaan Jacobs
Topic: 2173  Message: 2173

Hello All

My TS850's Slope tune works although the knob adjustment is not clicking throughout the entire range there is some smooth area's in the adjustment. At any rate I assume replacing the unit behind the knob is what I need to do before it stops working all together. Looking at the exploded viwe on the service manual it has the part listed as

#206 SW 1X41-3131 D/6

Anyone know where I can get such a beast?

73's

Chris

# 2174. Re: [TS-850_450_690] TS850S Slope tune parts needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-29 16:17:33 UTC
From: blackdamp@yahoo.com
Topic: 2173  Message: 2174

http://www.kenwoodparts.com/
try these guys.....ive had good luck with
them.....73 NJ7B

--- Christiaan Jacobs <v2rocketeer@...> wrote:
> Hello All
>
> My TS850's Slope tune works although the knob
> adjustment is not
> clicking throughout the entire range there is some
> smooth area's in
> the adjustment. At any rate I assume replacing the
> unit behind the
> knob is what I need to do before it stops working
> all together.
> Looking at the exploded viwe on the service manual
> it has the part
> listed as
>
> #206 SW 1X41-3131 D/6
>
> Anyone know where I can get such a beast?
>
> 73's
>
> Chris
>
>
>
>
>

_____
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# 2175. For Sale: Studio Quality speaker for your xcvr or receiver

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-30 06:12:00 UTC
From: W. Hansen
Topic: 2175  Message: 2175

I have a very unique studio quality speaker you can use to give your Kenwood unbelievable audio.

Click on this link to see a picture of it:
http://imagehost.epier.com/30490/rs-speaker.jpg

The speaker enclosure is made of solid cast metal. It is literally built like a tank. The size is only 7 1/4" tall, 4 1/2" wide and 4 1/8" deep. It weighs just about 5 pounds. There are actually 2 speakers in this enclosure. A woofer and a tweeter. The audio quality is magnificent.

These were custom made for Radio Shack some years ago. The input is 8 ohms and a max power input of 40 watts.

The speaker is in perfect condition with the exception of a slight depression in the grill, which you don't see because the grill is black. There are rubber feet on the bottom so it won't scratch your equipment.

So, if this speaker is so great, why am I selling it??? Good question. The answer is because I bought an Advent speaker Which is a little larger and weighs about 12 pounds. What can I say...I like to have great audio coming out of my TS-850.

The price is $24.00 plus regular UPS ground shipping. I will ship internationally by the post office.

I have only one of these so it is first-come-first-serve.

I have a PayPal account.

If you are in the EU I can accept a bank transfer to a bank in Germany.

Please contact me at: rfpexec@...

Thanks,

Bill

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# 2176. Re: [TS-850_450_690] For Sale: Studio Quality speaker for your xcvr or receiver

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-30 10:55:32 UTC
From: Bill K0ZL
Topic: 2175  Message: 2176

Those are great speakers. Still available in
different forms for much more than what you are
selling that one for, you have a good deal.

I use a speaker off an old Aiwa "boom box". Whenever
I am in the second-hand stores, I shop for
esthetically pleasing boxes that cost a few bucks;
take them home; test them out. If they sound good,
they stay, if not, into the hamfest box they go!

73

Bill

--- "W. Hansen" <rfpexec@...> wrote:
> I have a very unique studio quality speaker you can
> use to give your
> Kenwood unbelievable audio.
>
> Click on this link to see a picture of it:
> http://imagehost.epier.com/30490/rs-speaker.jpg
>
> The speaker enclosure is made of solid cast metal.
> It is literally
> built like a tank. The size is only 7 1/4" tall, 4
> 1/2" wide and 4
> 1/8" deep. It weighs just about 5 pounds. There
> are actually 2
> speakers in this enclosure. A woofer and a tweeter.
> The audio quality
> is magnificent.
>
> These were custom made for Radio Shack some years
> ago. The input is 8
> ohms and a max power input of 40 watts.
>
> The speaker is in perfect condition with the
> exception of a slight
> depression in the grill, which you don't see because
> the grill is
> black. There are rubber feet on the bottom so it
> won't scratch your
> equipment.
>
> So, if this speaker is so great, why am I selling

> it??? Good question.
> The answer is because I bought an Advent speaker
> Which is a little
> larger and weighs about 12 pounds. What can I
> say...I like to have
> great audio coming out of my TS-850.
>
> The price is $24.00 plus regular UPS ground
> shipping. I will ship
> internationally by the post office.
>
> I have only one of these so it is
> first-come-first-serve.
>
> I have a PayPal account.
>
> If you are in the EU I can accept a bank transfer to
> a bank in Germany.
>
> Please contact me at: rfpexec@...
>
> Thanks,
>
> Bill
>
>
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> _____
> Do you Yahoo!?
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> http://hotjobs.sweepstakes.yahoo.com/careermakeover
>

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"If in doubt, MODIFY" --k0zl

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# 2177. DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-30 15:18:38 UTC
From: Andy
Topic: 2170  Message: 2177

does anybody knows where i can find a DSP-100?
Here in Italy like to be the same as if I ask gold
regards

IZØEHO Andrea Pellegrini
icq 16829125
http://it.geocities.com/iz0eho

---

A T T E N T I O N ! ! !
Outgoing mail is certified Virus Free.
AVG PRO 7
Checked by AVG Anti-Virus (http://www.grisoft.com).
Version: 7.0.240 / Virus Database: 262.9.10 - Release Date: 28/04/04

[Non-text portions of this message have been removed]

# 2178. Re: For Sale: Studio Quality speaker for your xcvr or receiver

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-30 15:46:03 UTC
From: Max
Topic: 2175  Message: 2178

--- In TS-850_450_690@yahoogroups.com, "W. Hansen" <rfpexec@y...>
wrote:
> I have a very unique studio quality speaker you can use to give your
> Kenwood unbelievable audio.
>
> Click on this link to see a picture of it:
> http://imagehost.epier.com/30490/rs-speaker.jpg

I have used this speaker and they do sound good. I since found two
Sony speakers conveniently parked at a dumpster one night while
walking to the corner store. I brought one home and cleaned it up
and it sounds absolutely fantastic with my 850. See my picture under
the "MEMBERS" photos section. It sounds so good my SP-31 cpeaker is
sitting there doing nothing!

Max

# 2179. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-30 16:16:55 UTC
From: Bill K0ZL
Topic: 2170  Message: 2179

same here in the US.. best just to troll QTH.NET etc
classifieds, TS-850 user groups, and Ebay and have
CASH ready to go.

b

--- Andy <leon2000@...> wrote:
> does anybody knows where i can find a DSP-100?
> Here in Italy like to be the same as if I ask gold
> regards
>
> IZ?EHO Andrea Pellegrini
> icq 16829125
> http://it.geocities.com/iz0eho
>
>
> ----------
>
>
>
> A T T E N T I O N ! ! !
> Outgoing mail is certified Virus Free.
> AVG PRO 7
> Checked by AVG Anti-Virus (http://www.grisoft.com).
> Version: 7.0.240 / Virus Database: 262.9.10 -
> Release Date: 28/04/04
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2180. DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-30 18:46:52 UTC
From: Berry W6EZ
Topic: 1072  Message: 2180

So what is a very clean DSP-100 going for these days?

# 2181. Re: TS850S Slope tune parts needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-30 19:23:58 UTC
From: Christiaan Jacobs
Topic: 2173  Message: 2181

Thanks for the link.

However I had that one and Pacific Parts web site and neither one
have or list a x41-3131 D/6. Anyone have any other ideas?

Thanks for the help so far.

Chris

--- In TS-850_450_690@yahoogroups.com, <blackdamp@y...> wrote:
> http://www.kenwoodparts.com/
> try these guys.....ive had good luck with
> them.....73 NJ7B
>
> --- Christiaan Jacobs <v2rocketeer@y...> wrote:
> > Hello All
> >
> > My TS850's Slope tune works although the knob

# 2182. Re: [TS-850_450_690] Re: TS850S Slope tune parts needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-04-30 23:34:02 UTC
From: Bill K0ZL
Topic: 2173  Message: 2182

You have an incomplete number there, plus it's for the
board that the VR solders into, not the VR itself.

Here is the number that I have for the slop tuning
control:

R19-3431-05

bill

--- Christiaan Jacobs <v2rocketeer@...> wrote:
> Thanks for the link.
>
> However I had that one and Pacific Parts web site
> and neither one
> have or list a x41-3131 D/6. Anyone have any other
> ideas?
>
> Thanks for the help so far.
>
> Chris
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com,
> <blackdamp@y...> wrote:
> > http://www.kenwoodparts.com/
> > try these guys.....ive had good luck with
> > them..........73 NJ7B
> >
> > --- Christiaan Jacobs <v2rocketeer@y...> wrote:
> > > Hello All
> > >
> > > My TS850's Slope tune works although the knob
>
>
>
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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---
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# 2183. Re: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-01 02:51:49 UTC
From: Max
Topic: 1072  Message: 2183

--- In TS-850_450_690@yahoogroups.com, Berry W6EZ <serazin@p...>
wrote:
> So what is a very clean DSP-100 going for these days?

Berry,

I have seen them go for anywhere from $650-$850 US $$
They only sold for $649 when they first came out. Very hard to come by. If anyone is interested in really adding some fidelity to their audio at a cheap price consider getting a Behringer PEQ-2200 5 band parametric EQ. They can be had for under $100 at most musician supply houses and believe me they make your audio sound fantastic. I used one with a studio mic on my previous 850 and the combination sounded great. Having picked up another 850, I just got another 2200 from eBay. This is not hi-fi SSB I am talking about here, you can still run the 2.7 khz filter in your 850. But if you give it a try you will be amazed at the audio. If anyone has any questions, e-mail me off board, ve3tmt@...

Max

# 2184. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-01 16:23:47 UTC
From: wz5q
Topic: 1072  Message: 2184

i have purchased 2 in the last 12 months......
one for 850.00 and one for 950.00...both mint.
Good luck.
Mike
WZ5Q
----- Original Message -----
From: Berry W6EZ
To: TS-850_450_690@yahoogroups.com
Sent: Friday, April 30, 2004 1:46 PM
Subject: [TS-850_450_690] DSP-100

So what is a very clean DSP-100 going for these days?

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2185. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-01 20:04:28 UTC
From: Berry W6EZ
Topic: 1072  Message: 2185

Good Grief!

I have on in the box sitting in my closet. When I got my 950sdx I took
the 850 off the bench and put it and the DSP100 away.
I had no idea they were worth that much.

wz5q wrote:

> i have purchased 2 in the last 12 months......
> one for 850.00 and one for 950.00...both mint.
> Good luck.
> Mike
> WZ5Q
> ----- Original Message -----
> From: Berry W6EZ
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, April 30, 2004 1:46 PM
> Subject: [TS-850_450_690] DSP-100
>
>
> So what is a very clean DSP-100 going for these days?
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
> ------------------------------------------------------------------------
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
>
>
>
>
> [Non-text portions of this message have been removed]

>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
>
>
> ~-------------------------------------------------------------------~
> Yahoo! Groups Links
>
> * To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>

[Non-text portions of this message have been removed]

# 2186. Re: [TS-850_450_690] AM carrier not stable on ts-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-02 01:36:10 UTC
From: Bill K0ZL
Topic: 2172  Message: 2186

Not sure on this one.

b

--- kg6ale <fresnoids@...> wrote:
> On am my carrier is not stabel. At 15 watts it has a
> tendency to
> either drop or go up to 40 watts. When set for am at
> 25 watts it
> will stay but as soon as I modulate it jumps to 40
> watts and stays
> there. Anybody with an answer would be greatly
> appreciated! On the
> FM side it is very stable this problem only occurs
> in the AM mode.
>
> Thanks
> Jim
>
> 73
> w6ale
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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_____
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# 2187. Re: [TS-850_450_690] AM carrier not stable on ts-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-02 02:17:18 UTC
From: Sarge
Topic: 2172  Message: 2187

antenna tuner ground or other grounding problem maybe?

> Not sure on this one.
>
> b
>
> --- kg6ale <fresnoids@...> wrote:
> > On am my carrier is not stabel. At 15 watts it has a
> > tendency to
> > either drop or go up to 40 watts. When set for am at
> > 25 watts it
> > will stay but as soon as I modulate it jumps to 40
> > watts and stays
> > there. Anybody with an answer would be greatly
> > appreciated! On the
> > FM side it is very stable this problem only occurs
> > in the AM mode.
> >
> > Thanks
> > Jim
> >
> > 73
> > w6ale
> >
> >
> >
>
>
> =====
>
> "If in doubt, MODIFY" --k0zl
>
> Need a tech? See our website www.amateur-repairs.com
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>
> _____________________________________
> Do you Yahoo!?
> Win a $20,000 Career Makeover at Yahoo! HotJobs
> http://hotjobs.sweepstakes.yahoo.com/careermakeover
>

>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>
>

# 2188. TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-02 20:48:01 UTC
From: Russ
Topic: 749  Message: 2188

Tomorrow I am purchasing a TS 850 and I wondered if someone could tell me what the difference is between the 850 and 850 SAT. Can anyone tell me how I spot the difference.

Many thanks

Russ

[Non-text portions of this message have been removed]

# 2189. Re: TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-02 21:31:32 UTC
From: Max
Topic: 749  Message: 2189

--- In TS-850_450_690@yahoogroups.com, "Russ" <m0rsl@f...> wrote:
> Tomorrow I am purchasing a TS 850 and I wondered if someone could tell me what the difference is between the 850 and 850 SAT. Can anyone tell me how I spot the difference.
>
> Many thanks
>
> Russ

Kenwood marketed a TS850S (antenna tuner optional) and the TS850S/AT which came with an internal tuner. Ask the seller to see the tuner in action. Tell him you want to make sure it isn't noisy.

Max

# 2190. Re: TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-04 21:33:18 UTC
From: Richard Morton
Topic: 749  Message: 2190

Russ
The 850 does not have the built in antenna tuner the 850SAT has
the built in antenna tuner, hence the AT

73, Richard
KR4EY

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "Russ" <m0rsl@f...> wrote:
> > Tomorrow I am purchasing a TS 850 and I wondered if someone
could
> tell me what the difference is between the 850 and 850 SAT.
Can
> anyone tell me how I spot the difference.
> >
> > Many thanks
> >
> > Russ
>
> Kenwood marketed a TS850S (antenna tuner optional) and the
TS850S/AT
> which came with an internal tuner. Ask the seller to see the
tuner
> in action. Tell him you want to make sure it isn't noisy.
>
> Max

# 2191. For Sale: TS-850S/at 50 mil+ serial number

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-10 14:59:12 UTC
From: Paul B. Peters, VE7AVV
Topic: 2191  Message: 2191

For sale is one of my personal 850's with a 50 mil+ serial number.
Price is $ 850 USD

Go to: http://www.bcdxc.org/ve7avv_ts850fs.htm for pictures and details.

If you have any questions, email me here via the group and I will supply whatever information you require. I will not take any trades as partial payment for this radio, don't bother to ask as I will not reply to your email concerning a trade.

73 de Paul, VE7AVV
StoneyGround Station

# 2192. For Sale: PS-52 Power supply

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-10 15:06:41 UTC
From: Paul B. Peters, VE7AVV
Topic: 2192  Message: 2192

For sale is the PS-52 power supply that matches the 850 that I have for sale. Price is $ 145 USD

You can see pictures of the PS-52 at the bottom of my 850 page. Go to: http://www.bcdxc.org/ve7avv_ts850fs.htm

73 de Paul, VE7AVV
StoneyGround Station

# 2193. 50 mil+ serial number

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-12 20:08:29 UTC
From: RobertV
Topic: 2193  Message: 2193

>For sale is one of my personal 850's with a 50 mil+ serial number.

What is the relevance of this serial number data? My one starts 30.
It's likely a batch code, so are there any updates that are on a 50
series that would not be on a 30 series?

Just curious!

Robert

---

---
Outgoing mail is certified Virus Free.
Checked by AVG anti-virus system (http://www.grisoft.com).
Version: 6.0.683 / Virus Database: 445 - Release Date: 12/05/2004

[Non-text portions of this message have been removed]

# 2194. service manual

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-13 21:11:59 UTC
From: Jean-Guy Landry
Topic: 2194  Message: 2194

Hi all and thanks for reading this post.
Looking for a url of some sort that would allow me to download a
service manual for the ts450sat.
Have cruised the net and still cannot find anything, except a site
in DK land, now the site does seem to be be down.

Hope to hear from someone.
cul 73
de Jean-Guy/ve9buf

# 2195. Hi everybody

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-13 20:59:55 UTC
From: Ramon Pallares
Topic: 2195  Message: 2195

Just bought a second hand TS-850SAT. At the moment I'm playing with it, not yet worked out how everything works.

Till soon with more info from this end!

73 de PE1OUW, Ramon from PA-land

[Non-text portions of this message have been removed]

# 2196. TS-850 out of the blue

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-13 22:09:11 UTC
From: Ramon
Topic: 2196  Message: 2196

Hi everybody,

This evening I bought a used TS-850SAT, a bit out of the blue, but who cares. Read a lot of good stories about this Sir and the occasion was there, so the rest is history. Let you know my likings within a month. I'm using an MLB/long wire sloper for RX only but already made about 20 Watts into it without any problem.

Later!

PE1OUW, Ramon
The Netherlands

# 2197. Re: [TS-850_450_690] Hi everybody

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-14 02:58:09 UTC
From: Bill K0ZL
Topic: 2195  Message: 2197

Have fun, Ramon, they are great rigs.

b

--- Ramon Pallares <rapall@...> wrote:
> Just bought a second hand TS-850SAT. At the moment
> I'm playing with it, not yet worked out how
> everything works.
>
> Till soon with more info from this end!
>
> 73 de PE1OUW, Ramon from PA-land
>
> [Non-text portions of this message have been
> removed]
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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Yahoo! Movies - Buy advance tickets for 'Shrek 2'
http://movies.yahoo.com/showtimes/movie?mid=1808405861

# 2198. [TS-850_450_690] TS-850 strange sound in monitor

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-14 17:27:47 UTC
From: Dl9ham_yahoo
Topic: 2198  Message: 2198

Maybe someone else in this list has had this before:
When listening to my own audio with monitor on and headphone, after warmup (30 to 60 minutes) the monitored audio seems to sound like phasing, or like through a notch filter where the notch wanders through the af spectrum. Any ideas??

regards
Mike
DL9HAM in HAMburg
www.ksg1300.de

# 2199. Re: TS-850 strange sound in monitor

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-14 10:47:38 UTC
From: Max
Topic: 2198  Message: 2199

--- In TS-850_450_690@yahoogroups.com, Dl9ham_yahoo
<dl9ham_yahoo@k...> wrote:
> Maybe someone else in this list has had this before:
> When listening to my own audio with monitor on and headphone, after
warmup
> (30 to 60 minutes) the monitored audio seems to sound like phasing,
or like
> through a notch filter where the notch wanders through the af
spectrum. Any
> ideas??

Mike,

What are your filter settings at? Have you changed the menu option
to allow you to cycle the filters in TX mode? (Hold TX MEM and SCAN
buttons while powering up the radio. Dial up # 01 using the M.CH/VFO
knob and make sure it says ON. If not, press the BAND UP button to
set it to on and press CLR button to save. Make sure you have
both filters in the 2.7 position and the phasing effect should go
away.

Max

# 2200. Re: TS-850 strange sound in monitor

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-14 12:25:39 UTC
From: dl9ham
Topic: 2198  Message: 2200

Hi Max!
Yes, OK, in 2.7 KHz width there is no or little problem, but with TX wide (4.5 or 6 KHz) with DSP100 it is. So judged by your answer this seems to be a common problem in this particular setup ???!

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, Dl9ham_yahoo
> <dl9ham_yahoo@k...> wrote:
> > Maybe someone else in this list has had this before:
> > When listening to my own audio with monitor on and headphone, after
> warmup
> > (30 to 60 minutes) the monitored audio seems to sound like phasing,
> or like
> > through a notch filter where the notch wanders through the af
> spectrum. Any
> > ideas??
>
> Mike,
>
> What are your filter settings at? Have you changed the menu option
> to allow you to cycle the filters in TX mode? (Hold TX MEM and SCAN
> buttons while powering up the radio. Dial up # 01 using the M.CH/VFO
> knob and make sure it says ON. If not, press the BAND UP button to
> set it to on and press CLR button to save. Make sure you have
> both filters in the 2.7 position and the phasing effect should go
> away.
>
> Max

# 2201. Re: TS-850 strange sound in monitor

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-14 13:09:53 UTC
From: Max
Topic: 2198  Message: 2201

Mike,

I am not fortunate enough to have a DSP-100 :( so I am not sure.
But I know if I select any other width than 2.7 I get the same
effect. Here is a quick test...

Turn off the 8.83 filter, and set the 455 filter at 6 khz.
Speak into the microphone listening to yourself on the monitor.
When your audio fades out, quickly switch to the opposite sideband
while still talking. It should be back to full sound. It will fade
out as did the first sideband and then if you switch back to the
original sideband it will be sound full again. This is how mine
performs.

Max

# 2202. Re: TS-850 strange sound in monitor

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-14 13:44:21 UTC
From: dl9ham
Topic: 2198  Message: 2202

Yep, that sounds like it.....
I cannot test it right now (still in the office!)
but this is it. only when the machine get warm though. I suspect an
alignment problem somehow.
Thanks a lot max, just the confirmation of someone else having
observed this helps a great lot!

73
de dl9ham from HAMburg
Mike
--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> Mike,
>
> I am not fortunate enough to have a DSP-100 :( so I am not sure.
> But I know if I select any other width than 2.7 I get the same
> effect. Here is a quick test...
>
> Turn off the 8.83 filter, and set the 455 filter at 6 khz.
> Speak into the microphone listening to yourself on the monitor.
> When your audio fades out, quickly switch to the opposite sideband
> while still talking. It should be back to full sound. It will fade
> out as did the first sideband and then if you switch back to the
> original sideband it will be sound full again. This is how mine
> performs.
>
> Max

# 2203. Re: TS-850 strange sound in monitor

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-14 13:53:20 UTC
From: dl9ham
Topic: 2198  Message: 2203

And , before I forget:
I have noticed this with my own signal when listening thru the monitor, lacking a wide enough second RX (East German RFT EKD 500 has only 3 kcs). But when a friend of mine some 50 miles away hooked up his "vintage equipment from the cellar" TS-850/DSP100 (I dont know what the DSP100 is good for, he says!!!) and came with full bandwidth on 80 m at night, I noticed similar phasing with his TX-Audio. Sounds like selective fading, which is common these days at night at 80m. Anyway, I will keep you informed about this maybe problem.....

TKS
Mike

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> Mike,
>
> I am not fortunate enough to have a DSP-100 :( so I am not sure.
> But I know if I select any other width than 2.7 I get the same
> effect. Here is a quick test...
>
> Turn off the 8.83 filter, and set the 455 filter at 6 khz.
> Speak into the microphone listening to yourself on the monitor.
> When your audio fades out, quickly switch to the opposite sideband
> while still talking. It should be back to full sound. It will fade
> out as did the first sideband and then if you switch back to the
> original sideband it will be sound full again. This is how mine
> performs.
>
> Max

# 2204. Re: TS-850 strange sound in monitor

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-14 14:24:15 UTC
From: Max
Topic: 2198  Message: 2204

--- In TS-850_450_690@yahoogroups.com, "dl9ham" <dl9ham_yahoo@k...>
wrote:
> And , before I forget:
> I have noticed this with my own signal when listening thru the
> monitor, lacking a wide enough second RX (East German RFT EKD 500
has
> only 3 kcs). But when a friend of mine some 50 miles away hooked up
> his "vintage equipment from the cellar" TS-850/DSP100 (I dont know
> what the DSP100 is good for, he says!!!)

Mike,

If he doesn't want the DSP100, I will gladly take it off his hands!!
I will even pay the freight!

Max

# 2205. TS850 Band switching diodes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-14 14:25:16 UTC
From: dl9ham
Topic: 2205  Message: 2205

Hi everybody,
another mod I did to my TS850:
I have had a problem with a mf/bc transmitter in the vicinity, at 972 kcs with 500 KW! output (good receiver test site hihi!) The TS850 receives this at 9 plus 50 DB
despite the MF attenuation at 972 kcs but as well at 9 plus 10 db at the double and triple frequencies. This has something to do with the charge carrier lifetime of the band switching (pin) diodes RLS135 in the band pass filters front end. the rls135 are designed for 10 mhz up. The carrier lifetime is way too short for applications like this! One good replacement is the BAR64 pin diode which has a carrier lifetime of 1550 nS. This results in a low end of less than 1 MHz of which signals cannot be rectified (detected) when strong enough. The effect is: No 2nd or third order signal coming through anymore. Before the mod I heard a crystal clear AM BC station signal of 972 kcs at 1944 kcs, 2916 and 3888 kcs, now just the signals that belong there and no change in sensitivity. I changed twelve SMD diodes, thats all. price for one BAR64 is 24 euro cents. same thing can be done to other trxs as well. question remains, why do the japanese manufacturers use these diodes at all. By the way, the TS870 has no problems of this kind, the TS-2000 has weak signals (10 db less than the 850)
Regards
DL9HAM
Mike in HAMburg

# 2206. Re: TS-850 strange sound in monitor

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-14 14:29:12 UTC
From: dl9ham
Topic: 2198  Message: 2206

Max,
sorry but now I have told him how to hook it all up for wide tx
audio, and he is one happy man with it. He was about to give it away
for almost nothing......
Not anymore now!
rgds
Mike

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "dl9ham" <dl9ham_yahoo@k...>
> wrote:
> > And , before I forget:
> > I have noticed this with my own signal when listening thru the
> > monitor, lacking a wide enough second RX (East German RFT EKD 500
> has
> > only 3 kcs). But when a friend of mine some 50 miles away hooked
up
> > his "vintage equipment from the cellar" TS-850/DSP100 (I dont
know
> > what the DSP100 is good for, he says!!!)
>
> Mike,
>
> If he doesn't want the DSP100, I will gladly take it off his
hands!!
> I will even pay the freight!
>
> Max

# 2207. Re: TS-850 strange sound in monitor

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-14 14:49:28 UTC
From: Max
Topic: 2198  Message: 2207

--- In TS-850_450_690@yahoogroups.com, "dl9ham" <dl9ham_yahoo@k...>
wrote:
> Max,
> sorry but now I have told him how to hook it all up for wide tx
> audio, and he is one happy man with it. He was about to give it
away
> for almost nothing......
> Not anymore now!
> rgds
> Mike

Thanks for rubbing it in Mike.

73,
Max

# 2208. Re: [TS-850_450_690] TS850 Band switching diodes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-14 22:24:10 UTC
From: Bill K0ZL
Topic: 2205  Message: 2208

Which diodes did you change? Just the input diodes to
the filter sections?

Did you submit this to Erik at mods.dk yet?

73

bill

--- dl9ham <dl9ham_yahoo@...> wrote:
> Hi everybody,
> another mod I did to my TS850:
> I have had a problem with a mf/bc transmitter in the
> vicinity, at 972
> kcs with 500 KW! output (good receiver test site
> hihi!) The TS850
> receives this at 9 plus 50 DB
> despite the MF attenuation at 972 kcs but as well at
> 9 plus 10 db at
> the double and triple frequencies. This has
> something to do with the
> charge carrier lifetime of the band switching (pin)
> diodes RLS135 in
> the band pass filters front end. the rls135 are
> designed for 10 mhz
> up. The carrier lifetime is way too short for
> applications like this!
> One good replacement is the BAR64 pin diode which
> has a carrier
> lifetime of 1550 nS. This results in a low end of
> less than 1 MHz of
> which signals cannot be rectified (detected) when
> strong enough. The
> effect is: No 2nd or third order signal coming
> through anymore.
> Before the mod I heard a crystal clear AM BC station
> signal of 972
> kcs at 1944 kcs, 2916 and 3888 kcs, now just the
> signals that belong
> there and no change in sensitivity. I changed twelve
> SMD diodes,
> thats all. price for one BAR64 is 24 euro cents.
> same thing can be
> done to other trxs as well. question remains, why do
> the japanese
> manufacturers use these diodes at all. By the way,

> the TS870 has no
> problems of this kind, the TS-2000 has weak signals
> (10 db less than
> the 850)
> Regards
> DL9HAM
> Mike in HAMburg
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2209. Re: [TS-850_450_690] TS850 Band switching diodes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-15 16:51:36 UTC
From: Michael (DL9HAM)
Topic: 2205  Message: 2209

No I didnt "publich this at mods.dk yet, since I am still working on a
better (graphical) documentation, I have replaced the 12 front end diodes
first, to see if it works, and wanted to replace the other ones later, but
found it sufficient as it is.
Diodes are named:

RF-Unit D4,5,6,7,8,9,10,11,12,13,14,15

OK???

BAR64V-02V in SOD523 package they are 1800 ns!!! which is the slowest I have
found.

rgds

Mike
DL9HAM

----- Original Message -----
From: "Bill K0ZL" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, May 15, 2004 12:24 AM
Subject: Re: [TS-850_450_690] TS850 Band switching diodes

> Which diodes did you change? Just the input diodes to
> the filter sections?
>
> Did you submit this to Erik at mods.dk yet?
>
> 73
>
> bill
>
> --- dl9ham <dl9ham_yahoo@...> wrote:
> > Hi everybody,
> > another mod I did to my TS850:
> > I have had a problem with a mf/bc transmitter in the
> > vicinity, at 972
> > kcs with 500 KW! output (good receiver test site
> > hihi!) The TS850
> > receives this at 9 plus 50 DB
> > despite the MF attenuation at 972 kcs but as well at
> > 9 plus 10 db at
> > the double and triple frequencies. This has
> > something to do with the
> > charge carrier lifetime of the band switching (pin)
> > diodes RLS135 in

> > the band pass filters front end. the rls135 are
> > designed for 10 mhz
> > up. The carrier lifetime is way too short for
> > applications like this!
> > One good replacement is the BAR64 pin diode which
> > has a carrier
> > lifetime of 1550 nS. This results in a low end of
> > less than 1 MHz of
> > which signals cannot be rectified (detected) when
> > strong enough. The
> > effect is: No 2nd or third order signal coming
> > through anymore.
> > Before the mod I heard a crystal clear AM BC station
> > signal of 972
> > kcs at 1944 kcs, 2916 and 3888 kcs, now just the
> > signals that belong
> > there and no change in sensitivity. I changed twelve
> > SMD diodes,
> > thats all. price for one BAR64 is 24 euro cents.
> > same thing can be
> > done to other trxs as well. question remains, why do
> > the japanese
> > manufacturers use these diodes at all. By the way,
> > the TS870 has no
> > problems of this kind, the TS-2000 has weak signals
> > (10 db less than
> > the 850)
> > Regards
> > DL9HAM
> > Mike in HAMburg
> >
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> =====
>
> "If in doubt, MODIFY" --k0zl
>
> Need a tech? See our website www.amateur-repairs.com
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> _____________________________________
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> http://promo.yahoo.com/sbc/
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 2210. Re: [TS-850_450_690] TS850 Band switching diodes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-15 20:53:15 UTC
From: Bill K0ZL
Topic: 2205  Message: 2210

Would you like me to send you a picture of this area
of the board?

I can also edit in "pointers" to show which diodes are
changed.

Does anyone have a US supplier for these diodes?

b

--- "Michael (DL9HAM)" <dl9ham_yahoo@...>
wrote:
> No I didnt "publich this at mods.dk yet, since I am
> still working on a
> better (graphical) documentation, I have replaced
> the 12 front end diodes
> first, to see if it works, and wanted to replace the
> other ones later, but
> found it sufficient as it is.
> Diodes are named:
>
> RF-Unit D4,5,6,7,8,9,10,11,12,13,14,15
>
> OK???
>
> BAR64V-02V in SOD523 package they are 1800 ns!!!
> which is the slowest I have
> found.
>
> rgds
>
> Mike
> DL9HAM
>
> ----- Original Message -----
> From: "Bill K0ZL" <coorsbill@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Saturday, May 15, 2004 12:24 AM
> Subject: Re: [TS-850_450_690] TS850 Band switching
> diodes
>
>
> > Which diodes did you change? Just the input diodes
> to
> > the filter sections?
> >

> > Did you submit this to Erik at mods.dk yet?
> >
> > 73
> >
> > bill
> >
> > --- dl9ham <dl9ham_yahoo@...> wrote:
> > > Hi everybody,
> > > another mod I did to my TS850:
> > > I have had a problem with a mf/bc transmitter in
> the
> > > vicinity, at 972
> > > kcs with 500 KW! output (good receiver test site
> > > hihi!) The TS850
> > > receives this at 9 plus 50 DB
> > > despite the MF attenuation at 972 kcs but as
> well at
> > > 9 plus 10 db at
> > > the double and triple frequencies. This has
> > > something to do with the
> > > charge carrier lifetime of the band switching
> (pin)
> > > diodes RLS135 in
> > > the band pass filters front end. the rls135 are
> > > designed for 10 mhz
> > > up. The carrier lifetime is way too short for
> > > applications like this!
> > > One good replacement is the BAR64 pin diode
> which
> > > has a carrier
> > > lifetime of 1550 nS. This results in a low end
> of
> > > less than 1 MHz of
> > > which signals cannot be rectified (detected)
> when
> > > strong enough. The
> > > effect is: No 2nd or third order signal coming
> > > through anymore.
> > > Before the mod I heard a crystal clear AM BC
> station
> > > signal of 972
> > > kcs at 1944 kcs, 2916 and 3888 kcs, now just the
> > > signals that belong
> > > there and no change in sensitivity. I changed
> twelve
> > > SMD diodes,
> > > thats all. price for one BAR64 is 24 euro cents.
> > > same thing can be
> > > done to other trxs as well. question remains,
> why do

> > > the japanese
> > > manufacturers use these diodes at all. By the
> way,
> > > the TS870 has no
> > > problems of this kind, the TS-2000 has weak
> signals
> > > (10 db less than
> > > the 850)
> > > Regards
> > > DL9HAM
> > > Mike in HAMburg
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> > =====
> >
> > "If in doubt, MODIFY" --k0zl
> >
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> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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# 2211. Re: [TS-850_450_690] TS850 Band switching diodes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-15 22:38:36 UTC
From: Mike Peak
Topic: 2205  Message: 2211

Bill K0ZL wrote:

> Would you like me to send you a picture of this area
> of the board?
>
> I can also edit in "pointers" to show which diodes are
> changed.
>
> Does anyone have a US supplier for these diodes?
>
> b
>
Hello Yall,
One of the many modifications i have done to my TS-850 was to change all of the rls135 bandpass filter switching diodes with the BAS85-GS08 Schottky surface mount diodes, and have had excellant results. They are a direct replacement. They can be purchased from Newark Inone electronics fairly inexpensivly.
73,
Mike
WZ5Q

[Non-text portions of this message have been removed]

# 2212. Re: [TS-850_450_690] TS850 Band switching diodes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-16 12:15:26 UTC
From: Bill K0ZL
Topic: 2205  Message: 2212

What did you notice after you did the mod?

b

--- Mike Peak <wz5q@...> wrote:
> Bill K0ZL wrote:
>
> > Would you like me to send you a picture of this
> area
> > of the board?
> >
> > I can also edit in "pointers" to show which diodes
> are
> > changed.
> >
> > Does anyone have a US supplier for these diodes?
> >
> > b
> >
> Hello Yall,
> One of the many modifications i have done to my
> TS-850 was to change all
> of the rls135 bandpass filter switching diodes with
> the BAS85-GS08
> Schottky surface mount diodes, and have had
> excellant results. They are
> a direct replacement. They can be purchased from
> Newark Inone
> electronics fairly inexpensivly.
> 73,
> Mike
> WZ5Q
>
>
> [Non-text portions of this message have been
> removed]
>
>
>

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"If in doubt, MODIFY" --k0zl

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# 2213. Re: [TS-850_450_690] TS850 Band switching diodes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-16 17:14:59 UTC
From: Michael (DL9HAM)
Topic: 2205  Message: 2213

Hi Mike!

Using Schottky diodes in such an application is not a good idea, I think, because they tend to work as diodes and rectify large signals, then you have the symptoms I have described.... strong signals can be heard in places, were they arent!
Only PIN-Diodes with a looong carrier lifetime (most of the datasheets dont mention this parameter, because it is not so easy to manufacture them with large values like 1500 nanoseconds or so , as I have learned). There is a formula somewhere in the net, forgot where, but search for "charge carrier lifetime" and "PIN diodes" in google. Its the I in PIN, that makes the difference.

regards
Mike
dl9ham

> Hello Yall,
> One of the many modifications i have done to my TS-850 was to change all
> of the rls135 bandpass filter switching diodes with the BAS85-GS08
> Schottky surface mount diodes, and have had excellant results. They are
> a direct replacement. They can be purchased from Newark Inone
> electronics fairly inexpensivly.
> 73,
> Mike
> WZ5Q

# 2214. Re: [TS-850_450_690] TS850 Band switching diodes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-16 16:43:32 UTC
From: Mike Peak
Topic: 2205  Message: 2214

Bill K0ZL wrote:

> What did you notice after you did the mod?
>
> b
>
It reduced the Reciever IF noise floor considerably. This of course
helped with the weak signal reception.
The BAS85 diodes handle stray voltage spikes alot better without failing
like the RLS135 tend to do. I have yet to have one fail. I have alot of
electrical storms down here in the swamps.
It seems to have helped with the selectivity, but that is a slight
improvement.
73,
Mike
WZ5Q

[Non-text portions of this message have been removed]

# 2215. Re: [TS-850_450_690] TS850 Band switching diodes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-16 21:24:37 UTC
From: Michael (DL9HAM)
Topic: 2205  Message: 2215

Charge carrier life time and pin diodes explained:
http://www.infineon.com/cmc_upload/0/000/011/828/appli034.pdf

----- Original Message -----
From: "Mike Peak" <wz5q@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, May 16, 2004 6:43 PM
Subject: Re: [TS-850_450_690] TS850 Band switching diodes

> Bill K0ZL wrote:
>
> > What did you notice after you did the mod?
> >
> > b
> >
> It reduced the Reciever IF noise floor considerably. This of course
> helped with the weak signal reception.
> The BAS85 diodes handle stray voltage spikes alot better without failing
> like the RLS135 tend to do. I have yet to have one fail. I have alot of
> electrical storms down here in the swamps.
> It seems to have helped with the selectivity, but that is a slight
> improvement.
> 73,
> Mike
> WZ5Q
>
>
>
>
> [Non-text portions of this message have been removed]
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>

# 2216. Re: [TS-850_450_690] TS850 Band switching diodes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-17 17:51:24 UTC
From: Bill K0ZL
Topic: 2205  Message: 2216

Thanks Mike!

Will try as soon as I get some time (yeah right!).

b

--- Mike Peak <wz5q@...> wrote:
> Bill K0ZL wrote:
>
> > What did you notice after you did the mod?
> >
> > b
> >
> It reduced the Reciever IF noise floor considerably.
> This of course
> helped with the weak signal reception.
> The BAS85 diodes handle stray voltage spikes alot
> better without failing
> like the RLS135 tend to do. I have yet to have one
> fail. I have alot of
> electrical storms down here in the swamps.
> It seems to have helped with the selectivity, but
> that is a slight
> improvement.
> 73,
> Mike
> WZ5Q
>
>
>
>
> [Non-text portions of this message have been
> removed]
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"If in doubt, MODIFY" --k0zl

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# 2217. Re: [TS-850_450_690] TS850 Band switching diodes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-17 17:56:41 UTC
From: Bill K0ZL
Topic: 2205  Message: 2217

Thanks Much!!!

Bill K0ZL

--- "Michael (DL9HAM)" <dl9ham_yahoo@...>
wrote:
> Charge carrier life time and pin diodes explained:
>
http://www.infineon.com/cmc_upload/0/000/011/828/appli034.pdf
>
>
> ----- Original Message -----
> From: "Mike Peak" <wz5q@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Sunday, May 16, 2004 6:43 PM
> Subject: Re: [TS-850_450_690] TS850 Band switching
> diodes
>
>
> > Bill K0ZL wrote:
> >
> > > What did you notice after you did the mod?
> > >
> > > b
> > >
> > It reduced the Reciever IF noise floor
> considerably. This of course
> > helped with the weak signal reception.
> > The BAS85 diodes handle stray voltage spikes alot
> better without failing
> > like the RLS135 tend to do. I have yet to have one
> fail. I have alot of
> > electrical storms down here in the swamps.
> > It seems to have helped with the selectivity, but
> that is a slight
> > improvement.
> > 73,
> > Mike
> > WZ5Q
> >
> >
> >
> >
> > [Non-text portions of this message have been
> removed]

> >
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> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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# 2218. Here's a funny one.....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-19 00:56:27 UTC
From: Max
Topic: 2218  Message: 2218

When I press the AIP on my 850, the display dims briefly and the AIP comes on. When I press it again the display brightness flashes and the AIP goes off. Now when I press the DIM button, not only does the display dim, but the AIP comes on. Press the DIM again and the brightness comes back full and the AIP goes out. My first thought was somehow the AIP switch is being ever so slightly pressed as I press the DIM button. However this would not explain why the display dims briefly when I press the AIP button. I took the face plate off the 850, and checked all switches to makes sure nothing was interfering with the two. Everything was okay there. The switch buttons are held in place with a foam backing on the back of the front panel...DO NOT REMOVE THIS FOAM. Nothing is interfering with the switches themselves on the chasis. Looking at the schematic, both switches merely switch to ground to activate each circuit. I am stumped. It doesn't affect operation of the radio, it is just an annoyance I would like to fix.

Any ideas????

Max

# 2219. TS850 station

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-19 00:18:48 UTC
From: Berry W6EZ
Topic: 2219  Message: 2219

Hello all,

W6EZ here.

A friend of mine, W6RTP, is recovering from a major bought with cancer
and is in a financial bind with the doctor's bill and all.

Sadly he has to sell off his HF station as he is too sick to continue to
work on his upgrade and the kids have to be fed.

Please send all inquires to

w6rtp@...

So, here goes.

TS 850SAT with hand mic.....$700.00
DSP-100.....$750.00
SP940 speaker.....$100.00
SM230 monitor scopr.....$800.00
MFJ versa tuner 3KW.....$200.00
Ameritron AL811H.....$550.00
MC 90.....$200.00
MC 85.....$100.00
IF232c.....$45.00
SW2100.....$100.00
SP950.....$125.00

Thanks for your time

Berry W6EZ

# 2220. AMP connection

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-19 07:09:25 UTC
From: Duane
Topic: 2220  Message: 2220

Hello All,

Can anyone tell me how to test the internal relay for an amplifier connection? What is the proper cable construction to connect the relay and alc at the amplifier? Also, is anyone using a foot switch and how is that constructed in the event my internal relay is bad.

Thanks in advance

Duane, W9ZM

[Non-text portions of this message have been removed]

# 2221. Re: AMP connection

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-19 11:10:20 UTC
From: Max
Topic: 2220  Message: 2221

--- In TS-850_450_690@yahoogroups.com, "Duane" <w9zm@b...> wrote:
> Hello All,
>
> Can anyone tell me how to test the internal relay for an amplifier connection? What is the proper cable construction to connect the relay and alc at the amplifier? Also, is anyone using a foot switch and how is that constructed in the event my internal relay is bad.
>
> Thanks in advance
>
> Duane, W9ZM

Duane,
If you connect an ohm meter between pins 2 & 4 on the remote connector on the rear of the 850, it should read a dead short when you key the radio. Likewise, pins 2 & 5 should show a dead short when the radio is in receive. Make sure the linear amp switch on the back panel is in the ON position. If you key the radio and hear a slight click from the back, it is the amp relay engaging. If you don't check the position of the switch.

The ALC line from the amp goes to pin 6 in the same connector. Ground is the shell of the connector. Grounding pin 3 keys the radio. If the relay is bad you could tap of the TX 8V line to drive another heavier relay. Lots of room inside the radio to mount one.

Good luck,
Max

# 2222. Re: Here's a funny one.....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-19 11:13:47 UTC
From: Max
Topic: 2218  Message: 2222

Removed the ribbon cable CN1 from the IF board and cleaned it. This is the cable carrying the AIP, DIM and TUNER control lines. Radio is working 100% again, time will tell if this was the fix.

Max

Any members going to work Field Day this year? Our club will be operating from the Communications Museum at Canadian Forces Base Kingston this year. We will have a tribander as well as two log periodic antennas (full size 6-30 mhz) and large towers. Call sign used will be VE3RCS. With the size of these antennas you should be able to hear us!

# 2223. Re: [TS-850_450_690] Here's a funny one.....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-19 13:42:39 UTC
From: Bill K0ZL
Topic: 2218  Message: 2223

I suspect some i/o ports have been zapped on the
interface chip that 'looks' at those switches, Max.

b

--- Max <ve3tmt@...> wrote:
> When I press the AIP on my 850, the display dims
> briefly and the AIP
> comes on. When I press it again the display
> brightness flashes and
> the AIP goes off. Now when I press the DIM button,
> not only does
> the display dim, but the AIP comes on. Press the
> DIM again and the
> brightness comes back full and the AIP goes out. My
> first thought
> was somehow the AIP switch is being ever so slightly
> pressed as I
> press the DIM button. However this would not
> explain why the
> display dims briefly when I press the AIP button. I
> took the face
> plate off the 850, and checked all switches to makes
> sure nothing
> was interfering with the two. Everything was okay
> there. The
> switch buttons are held in place with a foam backing
> on the back of
> the front panel...DO NOT REMOVE THIS FOAM. Nothing
> is interfering
> with the switches themselves on the chasis. Looking
> at the
> schematic, both switches merely switch to ground to
> activate each
> circuit. I am stumped. It doesn't affect operation
> of the radio,
> it is just an annoyance I would like to fix.
>
> Any ideas????
>
> Max
>
>

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# 2224. Re: [TS-850_450_690] Re: Here's a funny one.....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-19 13:49:35 UTC
From: Bill K0ZL
Topic: 2218  Message: 2224

Will be looking for you guys on FD.

Congrats on the fix! that is wierd. Sure better than a
fried interface chip.
b

--- Max <ve3tmt@...> wrote:
> Removed the ribbon cable CN1 from the IF board and
> cleaned it. This
> is the cable carrying the AIP, DIM and TUNER control
> lines. Radio
> is working 100% again, time will tell if this was
> the fix.
>
> Max
>
> Any members going to work Field Day this year? Our
> club will be
> operating from the Communications Museum at Canadian
> Forces Base
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> well as two log
> periodic antennas (full size 6-30 mhz) and large
> towers. Call sign
> used will be VE3RCS. With the size of these
> antennas you should be
> able to hear us!
>
>
>

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---
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# 2225. (no subject)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-20 11:48:54 UTC
From: Duane
Topic: 2225  Message: 2225

Hello All,

Can anyone tell me the correct jumper set up for the Ameritron Amplifier Interface Buffer ARB-702K and the TS-850?

Thanks in advance
73
Duane

[Non-text portions of this message have been removed]

# 2226. DRU-2□s on closeout at AES

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-20 12:44:50 UTC
From: vtnn43e48073
Topic: 2226  Message: 2226

Currently AES has DRU-2 digital recording units in the closeout list
(search for DRU2). While not exactly a cheap price, this may be the
last chance to get one before the price skyrockets for them on ebay.

73
Zack
N8FNR

# 2227. Re: [TS-850_450_690] TS850 Band switching diodes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-22 13:43:20 UTC
From: Bill K0ZL
Topic: 2205  Message: 2227

Michael,

I found this link to be MOST informative. At first I
glanced over all the math and what not; then I went
back and read EACH PARAGRAPH CAREFULLY and came to the
same conclusion that you did; we need SLOWER diodes
for RF switching! hi...

b

--- "Michael (DL9HAM)" <dl9ham_yahoo@...>
wrote:
> Charge carrier life time and pin diodes explained:
>
http://www.infineon.com/cmc_upload/0/000/011/828/appli034.pdf
>
>
> ----- Original Message -----
> From: "Mike Peak" <wz5q@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Sunday, May 16, 2004 6:43 PM
> Subject: Re: [TS-850_450_690] TS850 Band switching
> diodes
>
>
> > Bill K0ZL wrote:
> >
> > > What did you notice after you did the mod?
> > >
> > > b
> > >
> > It reduced the Reciever IF noise floor
> considerably. This of course
> > helped with the weak signal reception.
> > The BAS85 diodes handle stray voltage spikes alot
> better without failing
> > like the RLS135 tend to do. I have yet to have one
> fail. I have alot of
> > electrical storms down here in the swamps.
> > It seems to have helped with the selectivity, but
> that is a slight
> > improvement.
> > 73,
> > Mike
> > WZ5Q
> >

> >
> >
> >
> > [Non-text portions of this message have been
> removed]
> >
> >
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
> >
> >
> >
> >
> >
> >
>

=====

"If in doubt, MODIFY" --k0zl

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# 2228. TS-850SAT & linear amp keying

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-22 19:05:25 UTC
From: Denis O' Flynn
Topic: 2228  Message: 2228

Hi all,

I use the Linear Amp UK Challenger III with my trusty 850S AT. On tuning up the linear for say 400W, I find that the power on the 850 drops down whilst ALC rises. Both of them work in tandem power rises, ALC drops to normal, and then vica versa.
Have I a problem with the relay in the 850 that keys the amp??
My swr is good 1.1 to 1.2 on 20, 15 and 10 with the force 12 C3SS Beam.

any thoughts appreciated.

de Denis EI6HB

# 2229. Re: [TS-850_450_690] TS-850SAT & linear amp keying

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-23 02:02:51 UTC
From: Bill K0ZL
Topic: 2228  Message: 2229

COULD be that the input match to the amp is changing
as you tune the 850.

Also, I am assuming that you do NOT have the AT
engaged in the 850, when using the amp? That will
surely complicate things.

bill

--- Denis O' Flynn <ei6hb@...> wrote:
> Hi all,
>
> I use the Linear Amp UK Challenger III with my
> trusty 850S AT. On tuning
> up the linear for say 400W, I find that the power on
> the 850 drops down
> whilst ALC rises. Both of them work in tandem power
> rises, ALC drops to
> normal, and then vica versa.
> Have I a problem with the relay in the 850 that
> keys the amp??
> My swr is good 1.1 to 1.2 on 20, 15 and 10 with the
> force 12 C3SS Beam.
>
> any thoughts appreciated.
>
> de Denis EI6HB
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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_________________________________
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# 2230. Re: [TS-850_450_690] TS-850SAT & linear amp keying

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-23 02:22:57 UTC
From: Mike Peak
Topic: 2228  Message: 2230

I agree with Bill.
I would look at the input match from the 850 to the amp.
I always use my 850's internal tuner to match to my amplifier.
Do you have the ALC line connected to the amplifier from the 850?
I percanaly don't use it, but you have to watch your input to the amp
alot closer to keep your signal clean.

Mike
WZ5Q

.

Bill K0ZL wrote:

>COULD be that the input match to the amp is changing
>as you tune the 850.
>
>Also, I am assuming that you do NOT have the AT
>engaged in the 850, when using the amp? That will
>surely complicate things.
>
>bill
>
>--- Denis O' Flynn <ei6hb@...> wrote:
>
>
>>Hi all,
>>
>> I use the Linear Amp UK Challenger III with my
>>trusty 850S AT. On tuning
>>up the linear for say 400W, I find that the power on
>>the 850 drops down
>>whilst ALC rises. Both of them work in tandem power
>>rises, ALC drops to
>>normal, and then vica versa.
>> Have I a problem with the relay in the 850 that
>>keys the amp??
>>My swr is good 1.1 to 1.2 on 20, 15 and 10 with the
>>force 12 C3SS Beam.
>>
>>any thoughts appreciated.
>>
>>de Denis EI6HB
>>
>>
>>

[Non-text portions of this message have been removed]

# 2231. Wanted - Nice TS 850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-25 10:57:18 UTC
From: ft920yaesu1997
Topic: 2231  Message: 2231

Wanted - Nice TS 850S..
I will trade a TS 570DG or pay cash.
Thanks
Scott N9SZC

# 2232. Re: [TS-850_450_690] Wanted - Nice TS 850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-25 16:40:17 UTC
From: James Skupien
Topic: 2231  Message: 2232

I have a very nice TS-850S/AT High 3000 serial number. Un modified, a couple of marks on the top, face is MINT.I will sell for $600.00 plus shipping.The ONLY reason im selling it is because I purchased a TS-480S HX or I would keep the radio. Im located in Illinois, call my cell at 630-740-7975 If Im working please leave a voice mail

73!!

Jim AA9NN

aa9nn@...<mailto:aa9nn@...>
----- Original Message -----
From: ft920yaesu1997<mailto:ft920yaesu1997@...>
To: TS-850_450_690@yahoogroups.com<mailto:TS-850_450_690@yahoogroups.com>
Sent: Tuesday, May 25, 2004 4:57 AM
Subject: [TS-850_450_690] Wanted - Nice TS 850S

Wanted - Nice TS 850S..
I will trade a TS 570DG or pay cash.
Thanks
Scott N9SZC

THANKS FOR USING TS-850_450_690@...<mailto:TS-850_450_690@...>

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<http://rd.yahoo.com/SIG=129dnvusb/M=295196.4901138.6071305.3001176/D=groups/S=1705063108:HM/EXP=1085576497/A=2128215/R=0/SIG=10se96mf6/*http://companion.yahoo.com>

---

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/<http://groups.yahoo.com/group/TS-850_450_690/>

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service<http://docs.yahoo.com/info/terms/>.

[Non-text portions of this message have been removed]

# 2233. Re: Wanted - Nice TS 850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-26 14:00:22 UTC
From: Paul B. Peters, VE7AVV
Topic: 2231  Message: 2233

Just a reminder to the group that if anyone is looking for another 850, I have one of mine for sale. You can see all the details at this webpage that I've done up http://www.bcdxc.org/ve7avv_ts850fs.htm The price is $800, no trades accepted. I also have the matching PS-52 power supply for $145.

I had two 850's --- one has already sold and this was my backup radio. It's a 50mil + serial number, the face (aside from a little dust) is spotless and everything works as it should. Yes it does have the antenna tuner and it also works great.

These radios are being sold because I recently purchased an FT1000MP Mk V.

73 de Paul, VE7AVV
StoneyGround Station

# 2234. TS-850 error codes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-31 00:11:50 UTC
From: Joe Kurpieski
Topic: 2234  Message: 2234

Does anyone have a list of the morse code, error codes (programable function #02 Audible alarm)?
Thanks,
Joe

# 2235. TCXO for the TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-31 11:01:20 UTC
From: smokey1310465
Topic: 2235  Message: 2235

Is the TCXO for the TS850 worth the asking price? I am spending much more time using digital modes, so I am thinking about getting it for my rig. I have had my rig for 10 years and never felt the need to have it until now.

Any advice is appreciated.

73
Joe
WA2PJI
rsalvo@...

# 2236. Re: TCXO for the TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-31 12:16:32 UTC
From: Max
Topic: 2235  Message: 2236

Joe,

I have used my 850 on all digital modes including packet and have never needed the TXCO. Way too expensive in my opinion.

Max

# 2237. Re: TS-850 error codes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-31 12:25:42 UTC
From: K9OR
Topic: 2234  Message: 2237

Joe,

From page 31 of op manual:

When mode key pressed, sends...
LSB = L
USB = U
CW = C
FSK = R
AM = A
FM = F

Sends CHECK...
When SCAN key pressed and unable to execute scan, OR
When all memory channels full and attempt made to find an empty one,
OR
When all memory channels empty and attempt made to select one

Sends OVER...
When exceeding operating limits using numeric keys to enter frequency

73 Randy K9OR

> Does anyone have a list of the morse code, error codes
(programable function #02 Audible alarm)?

# 2238. Re: [TS-850_450_690] TCXO for the TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-31 16:07:56 UTC
From: Mike Peak
Topic: 2235  Message: 2238

I have 2ea heavily modified TS-850sat, both with the TCXO installed .
One is used for HiFi SSB, the other for HIiFi AM. I have had these rigs
for some time, using all modes of operation . There is only one
application that i have found the TCXO to be benificial.
The TCXO is a must when using the TS850 for HIFI SSB audio, as you can
actually hear when someone is 5cps off frequency. You can actually hear
the other stations transmitter drift up and down 5cps from the center
frequency. I have also noticed this on TS850's with no TCXO installed.
Other than that i have never seen a need for the TCXO to be installed.
73,
Mike
WZ5Q

smokey1310465 wrote:

> Is the TCXO for the TS850 worth the asking price? I am spending much
> more time using digital modes, so I am thinking about getting it for
> my rig. I have had my rig for 10 years and never felt the need to
> have it until now.
>
> Any advice is appreciated.
>
> 73
> Joe
> WA2PJI
> rsalvo@...
>

[Non-text portions of this message have been removed]

# 2239. Re: TS-850 error codes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-31 17:07:50 UTC
From: Joe Kurpieski
Topic: 2234  Message: 2239

Thanks Randy,,, thats not the ones I'm talking about. In the section right below the one you mentioned on page 31 is 4-10-3 alarm functions. These list only two of the items,,, what I heard was "UL" in morse, and I did not see any reference to this or any other alarm codes.--- In TS-850_450_690@yahoogroups.com, "K9OR" <k9or@c...> wrote:
> Joe,
>
> From page 31 of op manual:
>
> When mode key pressed, sends...
> LSB = L
> USB = U
> CW = C
> FSK = R
> AM = A
> FM = F
>
> Sends CHECK...
> When SCAN key pressed and unable to execute scan, OR
> When all memory channels full and attempt made to find an empty one,
> OR
> When all memory channels empty and attempt made to select one
>
> Sends OVER...
> When exceeding operating limits using numeric keys to enter frequency
>
>
> 73 Randy K9OR
>
>
> > Does anyone have a list of the morse code, error codes
> (programable function #02 Audible alarm)?

# 2240. Re: TS-850 error codes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-31 18:28:00 UTC
From: Max
Topic: 2234  Message: 2240

--- In TS-850_450_690@yahoogroups.com, "Joe Kurpieski" <jzkjr@h...>
wrote:
> Thanks Randy,,, thats not the ones I'm talking about. In the
section
> right below the one you mentioned on page 31 is 4-10-3 alarm
> functions. These list only two of the items,,, what I heard
was "UL"
> in morse, and I did not see any reference to this or any other
alarm
> codes.---

"UL" error codes means the PLL or VCO is unlocked. Did you see
all "dots" on the display when this happened?

# 2241. Re: [TS-850_450_690] TCXO for the TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-31 20:28:37 UTC
From: Bill K0ZL
Topic: 2235  Message: 2241

I haven't felt a need for it. Mine drifts only about
20 hz from cold to warm, and then stays put, quite
adequate even for the most demanding digital modes.

I have not checked one with the oven yet.

Bill

--- smokey1310465 <rsalvo@...> wrote:
> Is the TCXO for the TS850 worth the asking price? I
> am spending much
> more time using digital modes, so I am thinking
> about getting it for
> my rig. I have had my rig for 10 years and never
> felt the need to
> have it until now.
>
> Any advice is appreciated.
>
> 73
> Joe
> WA2PJI
> rsalvo@...
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2242. Re: TS-850 error codes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-05-31 22:22:37 UTC
From: Joe Kurpieski
Topic: 2234  Message: 2242

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "Joe Kurpieski" <jzkjr@h...>
> wrote:
> > Thanks Randy,,, thats not the ones I'm talking about. In the
> section
> > right below the one you mentioned on page 31 is 4-10-3 alarm
> > functions. These list only two of the items,,, what I heard
> was "UL"
> > in morse, and I did not see any reference to this or any other
> alarm
> > codes.---
>
> "UL" error codes means the PLL or VCO is unlocked. Did you see
> all "dots" on the display when this happened?

Yes, the dots were there. All this started when I went looking for a way to mute (short a connection) on my NRD-535D, and I noticed that there was a relay across pins 2-4 & 2-5 on the remote connection on the TS-850. I may have shorted one of these pins while experimenting. Things seemed to have settled out on the 850, and it is back to normal. I just hope I didn't do any damage to the radio.
Thanks

# 2243. Re: TS850 Band switching diodes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-01 19:24:33 UTC
From: Joe Kurpieski
Topic: 2205  Message: 2243

To all of you that want to do this mod;
I can supply 13 (one extra) of the BAR64V-02V for $8.50, including
USPS priority mail to U.S.A. addresses.
If interested, e-mail me joejr@...
Thanks,,,,

--- In TS-850_450_690@yahoogroups.com, "Michael \(DL9HAM\)"
<dl9ham_yahoo@k...> wrote:
> No I didnt "publich this at mods.dk yet, since I am still working
on a
> better (graphical) documentation, I have replaced the 12 front end
diodes
> first, to see if it works, and wanted to replace the other ones
later, but
> found it sufficient as it is.
> Diodes are named:
>
> RF-Unit D4,5,6,7,8,9,10,11,12,13,14,15
>
> OK???
>
> BAR64V-02V in SOD523 package they are 1800 ns!!! which is the
slowest I have
> found.
>
> rgds
>
> Mike
> DL9HAM
>
> ----- Original Message -----
> From: "Bill K0ZL" <coorsbill@y...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Saturday, May 15, 2004 12:24 AM
> Subject: Re: [TS-850_450_690] TS850 Band switching diodes
>
>
> > Which diodes did you change? Just the input diodes to
> > the filter sections?
> >
> > Did you submit this to Erik at mods.dk yet?
> >
> > 73
> >
> > bill

> >
> > --- dl9ham <dl9ham_yahoo@k...> wrote:
> > > Hi everybody,
> > > another mod I did to my TS850:
> > > I have had a problem with a mf/bc transmitter in the
> > > vicinity, at 972
> > > kcs with 500 KW! output (good receiver test site
> > > hihi!) The TS850
> > > receives this at 9 plus 50 DB
> > > despite the MF attenuation at 972 kcs but as well at
> > > 9 plus 10 db at
> > > the double and triple frequencies. This has
> > > something to do with the
> > > charge carrier lifetime of the band switching (pin)
> > > diodes RLS135 in
> > > the band pass filters front end. the rls135 are
> > > designed for 10 mhz
> > > up. The carrier lifetime is way too short for
> > > applications like this!
> > > One good replacement is the BAR64 pin diode which
> > > has a carrier
> > > lifetime of 1550 nS. This results in a low end of
> > > less than 1 MHz of
> > > which signals cannot be rectified (detected) when
> > > strong enough. The
> > > effect is: No 2nd or third order signal coming
> > > through anymore.
> > > Before the mod I heard a crystal clear AM BC station
> > > signal of 972
> > > kcs at 1944 kcs, 2916 and 3888 kcs, now just the
> > > signals that belong
> > > there and no change in sensitivity. I changed twelve
> > > SMD diodes,
> > > thats all. price for one BAR64 is 24 euro cents.
> > > same thing can be
> > > done to other trxs as well. question remains, why do
> > > the japanese
> > > manufacturers use these diodes at all. By the way,
> > > the TS870 has no
> > > problems of this kind, the TS-2000 has weak signals
> > > (10 db less than
> > > the 850)
> > > Regards
> > > DL9HAM
> > > Mike in HAMburg
> > >
> > >
> > >
> >
> >

> > =====
> >
> > "If in doubt, MODIFY" --k0zl
> >
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> >
> >
> >
> > THANKS FOR USING TS-850_450_690@Y...
> > Yahoo! Groups Links
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> >
> >
> >
> >
> >

# 2244. Re: TS850 Band switching diodes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-02 17:07:38 UTC
From: rsakabu
Topic: 2205  Message: 2244

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:

> Does anyone have a US supplier for these diodes?
>
> b
>

http://www.newark.com/NewarkWebCommerce/newark/en_US/support/search/searchResults.jsp?action=0&First=0&QText=bar64&x=0&y=0

Will take you directly to the part info.

Otherwise to to Newark.com and do a search for BAR64 in their search line.

They have 13 thousand in stock, 10.8 cents each or 25 or more for 9.6 cents each. $5 extra for shipping. If these are reasonable replacements for the RLS135's, they can also be used in the TS-450 and perhaps other rigs. This is a much better price than the $1.42 each I paid for the RLS135's from a Kenwood parts dealer (ouch).

Roy

# 2245. Re: [TS-850_450_690] Re: TS850 Band switching diodes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-02 22:32:56 UTC
From: Michael (DL9HAM)
Topic: 2205  Message: 2245

Found another improvement:
the diodes dc current is only about 1.5 mA!
so the serial resistance of the bar is at 1.5 mA around 10 Ohm.
the RLV135 of the ts2000 and ts870 is around 20 Ohms (have no datasheet for
RLS135), and when in series with 50 Ohm Antenna impedance this is quite an
improvement. changing the resistors (R31,32,33.... ) from 10k to 4.7k will
increase the current, still within specs of the 74ls145, and therfore
decrease the serial resistance of the bar64 to 5 ohms or less......

its 00:30 now, time to go to bed,
bye for now
mike in HAMburg
dl9ham

----- Original Message -----
From: "rsakabu" <rsakabu@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, June 02, 2004 7:07 PM
Subject: [TS-850_450_690] Re: TS850 Band switching diodes

> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
> wrote:
>
> > Does anyone have a US supplier for these diodes?
> >
> > b
> >
>
>
http://www.newark.com/NewarkWebCommerce/newark/en_US/support/search/searchResults.jsp?acti
on=0&First=0&QText=bar64&x=0&y=0
>
> Will take you directly to the part info.
>
> Otherwise to to Newark.com and do a search for BAR64 in their search
> line.
>
> They have 13 thousand in stock, 10.8 cents each or 25 or more for 9.6
> cents each. $5 extra for shipping. If these are reasonable
> replacements for the RLS135's, they can also be used in the TS-450 and
> perhaps other rigs. This is a much better price than the $1.42 each I
> paid for the RLS135's from a Kenwood parts dealer (ouch).
>
> Roy
>
>

>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>
>

# 2246. Re: TS850 Band switching diodes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-04 04:38:44 UTC
From: Joe Kurpieski
Topic: 2205  Message: 2246

My mistake,,, my shipping is too high,,,, I will do the same offer of
13 SMD for $6.50 including shipping.
Joe
--- In TS-850_450_690@yahoogroups.com, "Joe Kurpieski" <jzkjr@h...>
wrote:
> To all of you that want to do this mod;
> I can supply 13 (one extra) of the BAR64V-02V for $8.50, including
> USPS priority mail to U.S.A. addresses.
> If interested, e-mail me joejr@m...
> Thanks,,,,
>
> --- In TS-850_450_690@yahoogroups.com, "Michael \(DL9HAM\)"
> <dl9ham_yahoo@k...> wrote:
> > No I didnt "publich this at mods.dk yet, since I am still working
> on a
> > better (graphical) documentation, I have replaced the 12 front
end
> diodes
> > first, to see if it works, and wanted to replace the other ones
> later, but
> > found it sufficient as it is.
> > Diodes are named:
> >
> > RF-Unit D4,5,6,7,8,9,10,11,12,13,14,15
> >
> > OK???
> >
> > BAR64V-02V in SOD523 package they are 1800 ns!!! which is the
> slowest I have
> > found.
> >
> > rgds
> >
> > Mike
> > DL9HAM
> >
> > ----- Original Message -----
> > From: "Bill K0ZL" <coorsbill@y...>
> > To: <TS-850_450_690@yahoogroups.com>
> > Sent: Saturday, May 15, 2004 12:24 AM
> > Subject: Re: [TS-850_450_690] TS850 Band switching diodes
> >
> >
> > > Which diodes did you change? Just the input diodes to
> > > the filter sections?

> > >
> > > Did you submit this to Erik at mods.dk yet?
> > >
> > > 73
> > >
> > > bill
> > >
> > > --- dl9ham <dl9ham_yahoo@k...> wrote:
> > > > Hi everybody,
> > > > another mod I did to my TS850:
> > > > I have had a problem with a mf/bc transmitter in the
> > > > vicinity, at 972
> > > > kcs with 500 KW! output (good receiver test site
> > > > hihi!) The TS850
> > > > receives this at 9 plus 50 DB
> > > > despite the MF attenuation at 972 kcs but as well at
> > > > 9 plus 10 db at
> > > > the double and triple frequencies. This has
> > > > something to do with the
> > > > charge carrier lifetime of the band switching (pin)
> > > > diodes RLS135 in
> > > > the band pass filters front end. the rls135 are
> > > > designed for 10 mhz
> > > > up. The carrier lifetime is way too short for
> > > > applications like this!
> > > > One good replacement is the BAR64 pin diode which
> > > > has a carrier
> > > > lifetime of 1550 nS. This results in a low end of
> > > > less than 1 MHz of
> > > > which signals cannot be rectified (detected) when
> > > > strong enough. The
> > > > effect is: No 2nd or third order signal coming
> > > > through anymore.
> > > > Before the mod I heard a crystal clear AM BC station
> > > > signal of 972
> > > > kcs at 1944 kcs, 2916 and 3888 kcs, now just the
> > > > signals that belong
> > > > there and no change in sensitivity. I changed twelve
> > > > SMD diodes,
> > > > thats all. price for one BAR64 is 24 euro cents.
> > > > same thing can be
> > > > done to other trxs as well. question remains, why do
> > > > the japanese
> > > > manufacturers use these diodes at all. By the way,
> > > > the TS870 has no
> > > > problems of this kind, the TS-2000 has weak signals
> > > > (10 db less than
> > > > the 850)
> > > > Regards
> > > > DL9HAM

> > > > Mike in HAMburg
> > > >
> > > >
> > > >
> > >
> > >
> > > =====
> > >
> > > "If in doubt, MODIFY" --k0zl
> > >
> > > Need a tech? See our website www.amateur-repairs.com
> > >
> > >
> > >
> > >
> > >
> > >
> > >
> > > _____
> > > Do you Yahoo!?
> > > SBC Yahoo! - Internet access at a great low price.
> > > http://promo.yahoo.com/sbc/
> > >
> > >
> > >
> > > THANKS FOR USING TS-850_450_690@Y...
> > > Yahoo! Groups Links
> > >
> > >
> > >
> > >
> > >
> > >

# 2247. Hum when HIGH BOOST is switched on

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-04 21:34:07 UTC
From: Ramon
Topic: 2247  Message: 2247

Hello everybody,

I was wondering if somebody else experiences a hum coming up when the HIGH BOOST button is activated. When the processor is activated the hum gets louder.

To be shure it wasn't the microphone I disconnected the microphone and switched on the TX by means of REC/SEND button, but even then the hum was audible in the same strength. It sounds like if the microphone grounding is no longer there.

Does somebody know if this is normal (I can hardly imagine) and if not, if there is a workaround?

Thanks,

Ramon, PE1OUW

# 2248. Extra 2.4kHz filter in 8.83 IF stage in TS-690S?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-05 10:42:15 UTC
From: The SixManiac
Topic: 2248  Message: 2248

Hi to all Kenwood users,

I am looking for a 2.4kHz SSB filter (Kenwood make) for in the 8.83 MHz IF in my TS-690S, I believe they were fitted in the TS950 series.

Who has one for sale?

Kind regards,

Kees van Zuilen - pa7two

(pa7two at netscape.net)

# 2249. DSP-100, IF-232C and the TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-06 19:06:46 UTC
From: ac742a
Topic: 2249  Message: 2249

Are the DSP-100 and the IF-232C mutually exclusive? Both outboard units interface with the TS-850 via the rear ACC 1 connector.

Does anyone have any suggestions if I wanted to have both accessories in use? I was fortunate enough to pick up a DSP-100 at a decent price but I don't want to loose computer control via the IF-232C.

Thanks in advance.

73

Greg/VE3YTZ

# 2250. Re: [TS-850_450_690] DSP-100, IF-232C and the TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-06 19:11:27 UTC
From: Berry W6EZ
Topic: 2249  Message: 2250

I have always been told they were not designed to be used together.

W6EZ

ac742a wrote:

> Are the DSP-100 and the IF-232C mutually exclusive? Both outboard
> units interface with the TS-850 via the rear ACC 1 connector.
>
> Does anyone have any suggestions if I wanted to have both accessories
> in use? I was fortunate enough to pick up a DSP-100 at a decent
> price but I don't want to loose computer control via the IF-232C.
>
> Thanks in advance.
>
> 73
>
> Greg/VE3YTZ
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
> <http://rd.yahoo.com/SIG=129bb36jh/M=298184.5022502.6152625.3001176/D=groups/S=1705063108:HM/EXP=1086635278/A=2164330/R=0/SIG=11eamf8g4/*http://www.netflix.com/Default?mqso=60183350>
>
>
>
> ---------------------------------------------------------------------
> Yahoo! Groups Links
>
> * To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
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> Service <http://docs.yahoo.com/info/terms/>.
>
>

[Non-text portions of this message have been removed]

# 2251. NO ALC KENWOOD TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-07 13:37:21 UTC
From: vx7rs
Topic: 2251  Message: 2251

Hello I hope some can help me with a problem I have with my Kenwood TS-450. When I turn on the radio after it has been off for awhile I have 100 watts pep on SSB and everthing seems to be working fine. The more I use the radio the ALC reading drops on the meter, it drops that I get no ALC reading on the meter and the SSB power drops to about 20 watts pep. If I switch over to CW on straight key down I get 100 watts. Also the receive signal is also very limited, Someone that usually gives me a s30 is about an s2.
If I let the radio turned off for awhile and turn the radio back on the ALC acts normal but only for about 10 minutes and the no ALC reading again with a loss of power and receive.
Does anyone have an idea what the problem could be I would really appreciate the help.

Thanks, Pat (WW3U)

# 2252. Re: [TS-850_450_690] NO ALC KENWOOD TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-07 14:03:02 UTC
From: Bill K0ZL
Topic: 2251  Message: 2252

locate the ALC control line and tack a bit of wire to
it so you can monitor it. I think you will find that
it is changing with heat. Then we go from there...

b

--- vx7rs <vx7rs@...> wrote:
> Hello I hope some can help me with a problem I have
> with my Kenwood
> TS-450. When I turn on the radio after it has been
> off for awhile I
> have 100 watts pep on SSB and everthing seems to be
> working fine.
> The more I use the radio the ALC reading drops on
> the meter, it drops
> that I get no ALC reading on the meter and the SSB
> power drops to
> about 20 watts pep. If I switch over to CW on
> straight key down I get
> 100 watts. Also the receive signal is also very
> limited, Someone that
> usually gives me a s30 is about an s2.
> If I let the radio turned off for awhile and turn
> the radio back on
> the ALC acts normal but only for about 10 minutes
> and the no ALC
> reading again with a loss of power and receive.
> Does anyone have an idea what the problem could be I
> would really
> appreciate the help.
>
> Thanks, Pat (WW3U)
>
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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---------------------------------
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http://messenger.yahoo.com/

# 2253. Re: [TS-850_450_690] NO ALC KENWOOD TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-07 14:04:10 UTC
From: Bill K0ZL
Topic: 2251  Message: 2253

Also could be loss of tx audio through bad mic preamp
circuit... does the power EVER drop off on CW mode?

b

--- vx7rs <vx7rs@...> wrote:
> Hello I hope some can help me with a problem I have
> with my Kenwood
> TS-450. When I turn on the radio after it has been
> off for awhile I
> have 100 watts pep on SSB and everthing seems to be
> working fine.
> The more I use the radio the ALC reading drops on
> the meter, it drops
> that I get no ALC reading on the meter and the SSB
> power drops to
> about 20 watts pep. If I switch over to CW on
> straight key down I get
> 100 watts. Also the receive signal is also very
> limited, Someone that
> usually gives me a s30 is about an s2.
> If I let the radio turned off for awhile and turn
> the radio back on
> the ALC acts normal but only for about 10 minutes
> and the no ALC
> reading again with a loss of power and receive.
> Does anyone have an idea what the problem could be I
> would really
> appreciate the help.
>
> Thanks, Pat (WW3U)
>
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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http://messenger.yahoo.com/

# 2254. Re: DSP-100, IF-232C and the TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-07 18:29:02 UTC
From: pa7two
Topic: 2249  Message: 2254

Hi to all,

Doesn't have the DSP-100 unit a seperate socket for the IF-232C? I
control my rig via the DSP-100 unit without ANY problem!

Kind regards and 73,

De Kees - pa7two - m5two

**********

--- In TS-850_450_690@yahoogroups.com, Berry W6EZ <serazin@p...> wrote:
> I have always been told they were not designed to be used together.
>
> W6EZ
>
> ac742a wrote:
>
> > Are the DSP-100 and the IF-232C mutually exclusive? Both outboard
> > units interface with the TS-850 via the rear ACC 1 connector.
> >
> > Does anyone have any suggestions if I wanted to have both accessories
> > in use? I was fortunate enough to pick up a DSP-100 at a decent
> > price but I don't want to loose computer control via the IF-232C.
> >
> > Thanks in advance.
> >
> > 73
> >
> > Greg/VE3YTZ
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@Y...
> >
> >
> > Yahoo! Groups Sponsor
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<http://rd.yahoo.com/SIG=129bb36jh/M=298184.5022502.6152625.3001176/D=groups/S=1705063108:HM/EXP=1086635278/A=2164330/R=0/SIG=11eamf8g4/*http://www.netflix.com/Default?mqso=60183350>

> >
> >
> >

> >
---
> > Yahoo! Groups Links
> >
> > * To visit your group on the web, go to:
> > http://groups.yahoo.com/group/TS-850_450_690/
> >
> > * To unsubscribe from this group, send an email to:
> > TS-850_450_690-unsubscribe@yahoogroups.com
> >
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
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> >
>
>
> [Non-text portions of this message have been removed]

# 2255. Re: DSP-100, IF-232C and the TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-07 19:17:12 UTC
From: ac742a
Topic: 2249  Message: 2255

No there is no IF-232C socket on the DSP-100.

Perhaps and if you don't mind, could you plse explain how you have
connected your DSP-100 together with the IF-232C to your TS-850.

Thank so much

Greg/VE3YTZ

--- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@n...> wrote:

> Hi to all,
>
> Doesn't have the DSP-100 unit a seperate socket for the IF-232C? I
> control my rig via the DSP-100 unit without ANY problem!
>
> Kind regards and 73,
>
> De Kees - pa7two - m5two
>
> **********
>
>
> --- In TS-850_450_690@yahoogroups.com, Berry W6EZ <serazin@p...>
wrote:
> > I have always been told they were not designed to be used
together.
> >
> > W6EZ
> >
> > ac742a wrote:
> >
> > > Are the DSP-100 and the IF-232C mutually exclusive? Both
outboard
> > > units interface with the TS-850 via the rear ACC 1 connector.
> > >
> > > Does anyone have any suggestions if I wanted to have both
accessories
> > > in use? I was fortunate enough to pick up a DSP-100 at a decent
> > > price but I don't want to loose computer control via the IF-
232C.
> > >
> > > Thanks in advance.
> > >
> > > 73
> > >

> > > Greg/VE3YTZ

# 2256. Re: [TS-850_450_690] Re: DSP-100, IF-232C and the TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-07 22:12:26 UTC
From: Berry W6EZ
Topic: 2249  Message: 2256

Yes! I too would like to hear how that is done.
Details and a diagram please!
Berry W6EZ

ac742a wrote:

> No there is no IF-232C socket on the DSP-100.
>
> Perhaps and if you don't mind, could you plse explain how you have
> connected your DSP-100 together with the IF-232C to your TS-850.
>
> Thank so much
>
> Greg/VE3YTZ
>
>
> --- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@n...> wrote:
>
> > Hi to all,
> >
> > Doesn't have the DSP-100 unit a seperate socket for the IF-232C? I
> > control my rig via the DSP-100 unit without ANY problem!
> >
> > Kind regards and 73,
> >
> > De Kees - pa7two - m5two
> >
> > **********
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, Berry W6EZ <serazin@p...>
> wrote:
> > > I have always been told they were not designed to be used
> together.
> > >
> > > W6EZ
> > >
> > > ac742a wrote:
> > >
> > > > Are the DSP-100 and the IF-232C mutually exclusive? Both
> outboard
> > > > units interface with the TS-850 via the rear ACC 1 connector.
> > > >
> > > > Does anyone have any suggestions if I wanted to have both
> accessories

> > > > in use? I was fortunate enough to pick up a DSP-100 at a decent
> > > > price but I don't want to loose computer control via the IF-
> 232C.
> > > >
> > > > Thanks in advance.
> > > >
> > > > 73
> > > >
> > > > Greg/VE3YTZ
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
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> <http://rd.yahoo.com/SIG=129ro41au/M=298184.5022502.6152625.3001176/D=groups/S=170506310
8:HM/EXP=1086722373/A=2164330/R=0/SIG=11eamf8g4/*http://www.netflix.com/Default?mqso=60183
350>
>
>
>
> ---------------------------------------------------------------------
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> http://groups.yahoo.com/group/TS-850_450_690/
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> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
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[Non-text portions of this message have been removed]

# 2257. Re: DSP-100, IF-232C and the TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-07 23:58:31 UTC
From: Clif
Topic: 2249  Message: 2257

IIRC There is a din socket on the back of the DSP100 for the IF232
to connect to. It is a pass thru for the data line.

Clif

--- In TS-850_450_690@yahoogroups.com, Berry W6EZ <serazin@p...>
wrote:
> Yes! I too would like to hear how that is done.
> Details and a diagram please!
> Berry W6EZ
>
>
> ac742a wrote:
>
> > No there is no IF-232C socket on the DSP-100.
> >
> > Perhaps and if you don't mind, could you plse explain how you
have
> > connected your DSP-100 together with the IF-232C to your TS-850.
> >
> > Thank so much
> >
> > Greg/VE3YTZ
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@n...>
wrote:
> >
> > > Hi to all,
> > >
> > > Doesn't have the DSP-100 unit a seperate socket for the IF-
232C? I
> > > control my rig via the DSP-100 unit without ANY problem!
> > >
> > > Kind regards and 73,
> > >
> > > De Kees - pa7two - m5two
> > >
> > > **********************************************************
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, Berry W6EZ
<serazin@p...>
> > wrote:
> > > > I have always been told they were not designed to be used

> > together.
> > > >
> > > > W6EZ
> > > >
> > > > ac742a wrote:
> > > >
> > > > > Are the DSP-100 and the IF-232C mutually exclusive? Both
> > outboard
> > > > > units interface with the TS-850 via the rear ACC 1
connector.
> > > > >
> > > > > Does anyone have any suggestions if I wanted to have both
> > accessories
> > > > > in use? I was fortunate enough to pick up a DSP-100 at a
decent
> > > > > price but I don't want to loose computer control via the
IF-
> > 232C.
> > > > >
> > > > > Thanks in advance.
> > > > >
> > > > > 73
> > > > >
> > > > > Greg/VE3YTZ
> > >
> > >
> > >
> > >
> > > THANKS FOR USING TS-850_450_690@Y...
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=groups/S=1705063108:HM/EXP=1086722373/A=2164330/R=0/SIG=11eamf8g4/*h
ttp://www.netflix.com/Default?mqso=60183350>
> >
> >
> >
> > ---------------------------------------------------------------------
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> > Yahoo! Groups Links
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> > <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?

subject=Unsubscribe>
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> > Service <http://docs.yahoo.com/info/terms/>.
> >
> >
>
>
> [Non-text portions of this message have been removed]

# 2258. Re: DSP-100, IF-232C and the TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-08 23:07:41 UTC
From: ac742a
Topic: 2249  Message: 2258

Hi Clif

While there is nothing at all in the documentation to this affect, but
are you saying that all I need to do is plug the IF232C into the
DSP-100 din socket labelled "CONT OUT" and this would allow me to
continue to have computer control over my TS-850?

As I don't have my DSP-100 yet, I can't try it, but I would appreciate
a confirmation that I got it right.

Thanks Clif and to all that replied to my question.

73

Greg/VE3YTZ

--- In TS-850_450_690@yahoogroups.com, "Clif" <avvidclif@y...> wrote:

> IIRC There is a din socket on the back of the DSP100 for the IF232
> to connect to. It is a pass thru for the data line.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, Berry W6EZ <serazin@p...>
> wrote:
> > Yes! I too would like to hear how that is done.
> > Details and a diagram please!
> > Berry W6EZ
> >
> >
> > ac742a wrote:
> >
> > > No there is no IF-232C socket on the DSP-100.
> > >
> > > Perhaps and if you don't mind, could you plse explain how you
> have
> > > connected your DSP-100 together with the IF-232C to your TS-850.
> > >
> > > Thank so much
> > >
> > > Greg/VE3YTZ
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@n...>
> wrote:
> > >

> > > > Hi to all,
> > > >
> > > > Doesn't have the DSP-100 unit a seperate socket for the IF-
> 232C? I
> > > > control my rig via the DSP-100 unit without ANY problem!
> > > >
> > > > Kind regards and 73,
> > > >
> > > > De Kees - pa7two - m5two
> > > >
> > > > ****************************************
**********
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, Berry W6EZ
> <serazin@p...>
> > > wrote:
> > > > > I have always been told they were not designed to be used
> > > together.
> > > > >
> > > > > W6EZ
> > > > >
> > > > > ac742a wrote:
> > > > >
> > > > > > Are the DSP-100 and the IF-232C mutually exclusive? Both
> > > outboard
> > > > > > units interface with the TS-850 via the rear ACC 1
> connector.
> > > > > >
> > > > > > Does anyone have any suggestions if I wanted to have both
> > > accessories
> > > > > > in use? I was fortunate enough to pick up a DSP-100 at a
> decent
> > > > > > price but I don't want to loose computer control via the
> IF-
> > > 232C.
> > > > > >
> > > > > > Thanks in advance.
> > > > > >
> > > > > > 73
> > > > > >
> > > > > > Greg/VE3YTZ

# 2259. Re: DSP-100, IF-232C and the TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-10 17:29:25 UTC
From: Clif
Topic: 2249  Message: 2259

I quote from the owners manual;
"Cont Out connector
This connector is used when there are two transceivers connected
together in a Master/Slace configuration and you have separate DSP-
100 units for each transceiver. This connector is used to connected
the interface."

If it is the interconnect for two radios then there is data present.
It is a buffered output. Whether or not it will work I don't know but
it seems I have heard it will.

Clif

--- In TS-850_450_690@yahoogroups.com, "ac742a" <ac742@f...> wrote:
> Hi Clif
>
> While there is nothing at all in the documentation to this affect,
but
> are you saying that all I need to do is plug the IF232C into the
> DSP-100 din socket labelled "CONT OUT" and this would allow me to
> continue to have computer control over my TS-850?
>
> As I don't have my DSP-100 yet, I can't try it, but I would
appreciate
> a confirmation that I got it right.
>
> Thanks Clif and to all that replied to my question.
>
> 73
>
> Greg/VE3YTZ
>
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <avvidclif@y...>
wrote:
>
> > IIRC There is a din socket on the back of the DSP100 for the
IF232
> > to connect to. It is a pass thru for the data line.
> >
> > Clif
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, Berry W6EZ <serazin@p...>
> > wrote:
> > > Yes! I too would like to hear how that is done.

> > > Details and a diagram please!
> > > Berry W6EZ
> > >
> > >
> > > ac742a wrote:
> > >
> > > > No there is no IF-232C socket on the DSP-100.
> > > >
> > > > Perhaps and if you don't mind, could you plse explain how you
> > have
> > > > connected your DSP-100 together with the IF-232C to your TS-
850.
> > > >
> > > > Thank so much
> > > >
> > > > Greg/VE3YTZ
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@n...>
> > wrote:
> > > >
> > > > > Hi to all,
> > > > >
> > > > > Doesn't have the DSP-100 unit a seperate socket for the IF-
> > 232C? I
> > > > > control my rig via the DSP-100 unit without ANY problem!
> > > > >
> > > > > Kind regards and 73,
> > > > >
> > > > > De Kees - pa7two - m5two
> > > > >
> > > > > ****************************************
> ********************
> > > > >
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, Berry W6EZ
> > <serazin@p...>
> > > > wrote:
> > > > > > I have always been told they were not designed to be used
> > > > together.
> > > > > >
> > > > > > W6EZ
> > > > > >
> > > > > > ac742a wrote:
> > > > > >
> > > > > > > Are the DSP-100 and the IF-232C mutually exclusive? Both
> > > > outboard
> > > > > > > units interface with the TS-850 via the rear ACC 1
> > connector.
> > > > > > >

> > > > > > > Does anyone have any suggestions if I wanted to have
both
> > > > accessories
> > > > > > > in use? I was fortunate enough to pick up a DSP-100 at
a
> > decent
> > > > > > > price but I don't want to loose computer control via
the
> > IF-
> > > > > 232C.
> > > > > > > >
> > > > > > > > Thanks in advance.
> > > > > > > >
> > > > > > > > 73
> > > > > > > >
> > > > > > > > Greg/VE3YTZ

# 2260. all signals sound like they have ripple on receive.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-11 22:47:00 UTC
From: D.Cy Gacuzana
Topic: 2260  Message: 2260

Any ideas on what parts are broken that would cause all CW signals to sound as if they are fuzzy, with less than perfect tone? First I thought, that guys power supply needs filtering, then the next signal sounded the same, so I checked all received signals against my Pegasus, and the Peg was hearing all signals fine, as all the signals were fine, except on receive with my 850, sounds like ripple modulation plus fuzziness.
Also, before the RX went completely earlier last year, I noticed loud signals on either side of zero beat. Especially signals 20 over s9. But kicking in just one 500 Hz filter usually in the 455 stage made the wrong signal disappear. I kept using the radio, anyway, until one afternoon, the Rx just disappeared.
Some transistors and capacitors were replaced on one of the 'RF boards," and the radio was like new again.
Until now.
Any ideas? I also noticed, that awesome Rx fidelity is gone from my rig on Rx with SSB signals now. Now, everybody sounds terrible on it.
Everything else on the rig works perfectly.

---
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[Non-text portions of this message have been removed]

# 2261. Re: [TS-850_450_690] all signals sound like they have ripple on receive.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-12 12:19:52 UTC
From: Bill K0ZL
Topic: 2260  Message: 2261

Are you getting an Unlock "UL" code from the radio at
any time?

Have you checked the UL signals from the two PLL chips
on the PLL unit yet, with a scope? If one begins to
fail intermittantly, it will cause the distortion you
mention but not trigger the UL signal to sound.

I just fixed an 850 with such a problem by dribbling a
little denatured alcohol on TC2 in the smaller of the
two VCO cans on the PLL unit (just underneath the DDS
unit, left side of radio). I turned TC2 back and
forth, then dribbled some more alcohol on it and
allowed it to dry under a 50 watt spotlamp. That cured
the problem.

The alternative is to pull the board and replace TC2,
it's a 10pF variable, with a good ceramic variable as
in the ICOM rig pll fixes.

b

--- "D.Cy Gacuzana" <gacuzana@...> wrote:
> Any ideas on what parts are broken that would cause
> all CW signals to sound as if they are fuzzy, with
> less than perfect tone? First I thought, that guys
> power supply needs filtering, then the next signal
> sounded the same, so I checked all received signals
> against my Pegasus, and the Peg was hearing all
> signals fine, as all the signals were fine, except
> on receive with my 850, sounds like ripple
> modulation plus fuzziness.
> Also, before the RX went completely earlier last
> year, I noticed loud signals on either side of zero
> beat. Especially signals 20 over s9. But kicking
> in just one 500 Hz filter usually in the 455 stage
> made the wrong signal disappear. I kept using the
> radio, anyway, until one afternoon, the Rx just
> disappeared.
> Some transistors and capacitors were replaced on one
> of the 'RF boards," and the radio was like new
> again.
> Until now.
> Any ideas? I also noticed, that awesome Rx fidelity
> is gone from my rig on Rx with SSB signals now.
> Now, everybody sounds terrible on it.

> Everything else on the rig works perfectly.
>
>
> ---------------------------------
> Do you Yahoo!?
> Friends. Fun. Try the all-new Yahoo! Messenger
>
> [Non-text portions of this message have been
> removed]
>
>

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"If in doubt, MODIFY" --k0zl

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# 2262. PWR meter on TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-13 12:31:31 UTC
From: Sergey Kuzmin
Topic: 2262  Message: 2262

Hello,

I bought nice TS850S without ATU . But strange .. when I speak in mic. power go ahead up to 130-150W as show LCD, the same CW , RTTY and it even knob PWR turn 50-60%, if less ( less 12 o'clock) ,power go down....
It normally?

73! Sergey, RV3APM

# 2263. TS 850 sat works fine but no AF receive volume, hhmmmmm

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-13 09:40:46 UTC
From: leeroe2003
Topic: 2263  Message: 2263

Hi to all,
I have just picked up a TS850 SAT, very good condition and all looked well when I took the radio out of the box. After setting up I switched the radio on and everything lit up fine, but there was no volume, I rotated the AF control and still nothing, checked squelch, that was off, changed mode to USB, and still no AF. Using my other radio, I checked TX and that is fine, Using the monitor function and a set of headphones, this is also working fine. If the AF is turned up full then you can just about make out faint signals being received. Any body any ideas ? help would be greatly appreciated.

Rgds

Lee
M3LMP

# 2264. Re: [TS-850_450_690] TS 850 sat works fine but no AF receive volume, hhmmmm

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-14 00:56:32 UTC
From: Sarge
Topic: 2263  Message: 2264

did you try an external speaker?

> Hi to all,
> I have just picked up a TS850 SAT, very good condition and all
> looked well when I took the radio out of the box. After setting up I
> switched the radio on and everything lit up fine, but there was no
> volume, I rotated the AF control and still nothing, checked squelch,
> that was off, changed mode to USB, and still no AF. Using my other
> radio, I checked TX and that is fine, Using the monitor function and
> a set of headphones, this is also working fine. If the AF is turned
> up full then you can just about make out faint signals being
> received. Any body any ideas ? help would be greatly appreciated.
>
> Rgds
>
> Lee
> M3LMP
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>
>

# 2265. Re: [TS-850_450_690] TS 850 sat works fine but no AF receive volume, hhmmmm

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-14 01:13:11 UTC
From: Bill K0ZL
Topic: 2263  Message: 2265

External speaker jack working?

b

--- leeroe2003 <leeroe1@...> wrote:
> Hi to all,
> I have just picked up a TS850 SAT, very good
> condition and all
> looked well when I took the radio out of the box.
> After setting up I
> switched the radio on and everything lit up fine,
> but there was no
> volume, I rotated the AF control and still nothing,
> checked squelch,
> that was off, changed mode to USB, and still no AF.
> Using my other
> radio, I checked TX and that is fine, Using the
> monitor function and
> a set of headphones, this is also working fine. If
> the AF is turned
> up full then you can just about make out faint
> signals being
> received. Any body any ideas ? help would be greatly
> appreciated.
>
> Rgds
>
> Lee
> M3LMP
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2266. Re: [TS-850_450_690] PWR meter on TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-14 01:14:26 UTC
From: Bill K0ZL
Topic: 2262  Message: 2266

With the power control full clockwise (to the right),
is the ALC reading OK?

b

--- Sergey Kuzmin <serkuz1963@...> wrote:
> Hello,
>
> I bought nice TS850S without ATU . But strange ..
> when I speak in mic. power
> go ahead up to 130-150W as show LCD, the same CW ,
> RTTY and it even knob PWR
> turn 50-60%, if less ( less 12 o'clock) ,power go
> down....
> It normally?
>
> 73! Sergey, RV3APM
>
>
>
>
> ------------------------ Yahoo! Groups Sponsor
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>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>
> TS-850_450_690-unsubscribe@yahoogroups.com
>
>
>
>

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"If in doubt, MODIFY" --k0zl

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# 2267. TS850S + DRU2 and background noise

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-14 04:18:06 UTC
From: Markus Dully
Topic: 2267  Message: 2267

Hi together !

I plugged a DRU 2 recorder unit into my TS850S and regonized a
background noise if I playback the DRU2.
Maybe that's normal ???

You hear the noise only during my speech breaks. If I modulate up (speak
loud at recording) the noise is not so big in the playback.

I tried to record "nothing" and played it back without any microphone
connected: Then the noise level is so high that my TRX pushes out at
about 20W.
But with a microphone connected you can hear noise also but no see no
power output at the internal "wattmeter".

Maybe someone know any modification to fix the problem ?

BTW I have the standard recording time (8s-8s-16s)

73s
Max, OE6MDF

[Non-text portions of this message have been removed]

# 2268. Re: PWR meter on TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-14 12:11:52 UTC
From: Sergey Kuzmin
Topic: 2262  Message: 2268

No, with full right Power control no ALC show ( PWR led near 150W!) ,
it begin with 12 oclock and less ( PWR led near 100-120W).

Thanks
Sergey, RV3APM

> With the power control full clockwise (to the right),
> is the ALC reading OK?
>
> b
> > Hello,
> >
> > I bought nice TS850S without ATU . But strange ..
> > when I speak in mic. power
> > go ahead up to 130-150W as show LCD, the same CW ,
> > RTTY and it even knob PWR
> > turn 50-60%, if less ( less 12 o'clock) ,power go
> > down....
> > It normally?
> >
> > 73! Sergey, RV3APM

# 2269. Re: [TS-850_450_690] Digest Number 549

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-14 16:52:25 UTC
From: D.Cy Gacuzana
Topic: 2269  Message: 2269

YES!! I forgot to mention, that what preceded all of this was, the readout blanking out to nothing but some decimals straight across, and the rig sending UL to me in CW.
I'd change bands, it would change, band/freq info be displayed for a second or two, then it all blanked to decimals with the audible announcement of

dididah didahdidit.

I'll check the service manual diagrams referenced to your suggestion sometime this week and report back.

Thank you for the input!!!!

TS-850_450_690@yahoogroups.com wrote:

There is 1 message in this issue.

Topics in this digest:

1. Re: all signals sound like they have ripple on receive.
From: Bill K0ZL

---
---

Message: 1
Date: Sat, 12 Jun 2004 05:19:52 -0700 (PDT)
From: Bill K0ZL
Subject: Re: all signals sound like they have ripple on receive.

Are you getting an Unlock "UL" code from the radio at
any time?

Have you checked the UL signals from the two PLL chips
on the PLL unit yet, with a scope? If one begins to
fail intermittantly, it will cause the distortion you
mention but not trigger the UL signal to sound.

I just fixed an 850 with such a problem by dribbling a
little denatured alcohol on TC2 in the smaller of the
two VCO cans on the PLL unit (just underneath the DDS
unit, left side of radio). I turned TC2 back and
forth, then dribbled some more alcohol on it and
allowed it to dry under a 50 watt spotlamp. That cured
the problem.

The alternative is to pull the board and replace TC2,
it's a 10pF variable, with a good ceramic variable as
in the ICOM rig pll fixes.

b

--- "D.Cy Gacuzana" wrote:
> Any ideas on what parts are broken that would cause
> all CW signals to sound as if they are fuzzy, with
> less than perfect tone? First I thought, that guys
> power supply needs filtering, then the next signal
> sounded the same, so I checked all received signals
> against my Pegasus, and the Peg was hearing all
> signals fine, as all the signals were fine, except
> on receive with my 850, sounds like ripple
> modulation plus fuzziness.
> Also, before the RX went completely earlier last
> year, I noticed loud signals on either side of zero
> beat. Especially signals 20 over s9. But kicking
> in just one 500 Hz filter usually in the 455 stage
> made the wrong signal disappear. I kept using the
> radio, anyway, until one afternoon, the Rx just
> disappeared.
> Some transistors and capacitors were replaced on one
> of the 'RF boards," and the radio was like new
> again.
> Until now.
> Any ideas? I also noticed, that awesome Rx fidelity
> is gone from my rig on Rx with SSB signals now.
> Now, everybody sounds terrible on it.
> Everything else on the rig works perfectly.
>
>
> ---------------------------------
> Do you Yahoo!?
> Friends. Fun. Try the all-new Yahoo! Messenger
>
> [Non-text portions of this message have been
> removed]
>
>

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"If in doubt, MODIFY" --k0zl

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---
---

THANKS FOR USING TS-850_450_690@...

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Yahoo! Groups Links

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[Non-text portions of this message have been removed]

# 2270. Re: TS 850 sat works fine but no AF receive volume, hhmmmmm

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-14 19:20:15 UTC
From: leeroe2003
Topic: 2263  Message: 2270

Hi All,
Well it was late when I wrote the original..... but I knew I
would miss something obvious....he he

Yes I have tried the external speaker and that too is not
functioning correctly, no AF vol at all unless your ear is pressed
up against the speaker, and then it is just a whisper.

Rgds
Lee - M3LMP

> External speaker jack working?
>
> b
>
> --- leeroe2003 <leeroe1@h...> wrote:
> > Hi to all,
> > I have just picked up a TS850 SAT, very good
> > condition and all
> > looked well when I took the radio out of the box.
> > After setting up I
> > switched the radio on and everything lit up fine,
> > but there was no
> > volume, I rotated the AF control and still nothing,
> > checked squelch,
> > that was off, changed mode to USB, and still no AF.
> > Using my other
> > radio, I checked TX and that is fine, Using the
> > monitor function and
> > a set of headphones, this is also working fine. If
> > the AF is turned
> > up full then you can just about make out faint
> > signals being
> > received. Any body any ideas ? help would be greatly
> > appreciated.
> >
> > Rgds
> >
> > Lee
> > M3LMP
> >
> >
> >
>
>
> =====

> 
> "If in doubt, MODIFY" --k0zl
> 
> Need a tech? See our website www.amateur-repairs.com
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> _____________________________________
> Do you Yahoo!?
> Friends. Fun. Try the all-new Yahoo! Messenger.
> http://messenger.yahoo.com/

# 2271. Re: [TS-850_450_690] Re: PWR meter on TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-15 00:32:30 UTC
From: Bill K0ZL
Topic: 2262  Message: 2271

OK Sergey, the problem is that someone has turned the internal power control for the radio up all the way. This is not good; you must always have some ALC control of the output for it to remain constant and for distortion to be prevented.

Remove the bottom cover of the radio, then turn it on it's back, facing you.

Remove the shiny cover over the RF unit on the left side.

Locate VR-7, along the right edge of the RF unit board, about halfway back.

With the radio connected to the dummy load, in FM mode; CAR and PWR controls turned all the way up (clock-wise, to the right), transmit and then adjust VR-7 for only 115-125 watts output.

Then reduce PWR control on the front panel all the way to the left (counter-clockwise). Now adjust VR-5, closer to the front of the radio on the RF unit, for 4.5-5.0 watts output or only 2 bars on the POWER meter. This will qualify you for the QRP contests and awards.

Now, check the radio at full power again on FM mode on all bands. You should have ALC indication on all bands, nearly full scale. If not, reduce VR-7 as needed to get good ALC indication on all bands.

Note: VR-7 and VR-5 rotate continuously, there are no stops on them. Also, VR-7 I think works backwards, turning it to the right decreases power. I have done so many, I can't remember, hi!

73,

Bill
--- Sergey Kuzmin <serkuz1963@...> wrote:
> No, with full right Power control no ALC show ( PWR
> led near 150W!) ,
> it begin with 12 oclock and less ( PWR led near
> 100-120W).
>
> Thanks

> Sergey, RV3APM
>
>
>
> > With the power control full clockwise (to the
> right),
> > is the ALC reading OK?
> >
> > b
> > > Hello,
> > >
> > > I bought nice TS850S without ATU . But strange
> ..
> > > when I speak in mic. power
> > > go ahead up to 130-150W as show LCD, the same CW
> ,
> > > RTTY and it even knob PWR
> > > turn 50-60%, if less ( less 12 o'clock) ,power
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> > > down....
> > > It normally?
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> > > 73! Sergey, RV3APM
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>

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## 2272. Re: [TS-850_450_690] Digest Number 549

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-15 01:28:57 UTC
From: Bill K0ZL
Topic: 2269 Message: 2272

Tune the rig to a carrier signal so you can hear the
problem, then do the procedure I mentioned.

It's cool to listen to it as the cap dries out and the
vco starts to work... kindof like an old Ford on a
cold morning... hi!

b

--- "D.Cy Gacuzana" <gacuzana@...> wrote:
> YES!! I forgot to mention, that what preceded all of
> this was, the readout blanking out to nothing but
> some decimals straight across, and the rig sending
> UL to me in CW.
> I'd change bands, it would change, band/freq info be
> displayed for a second or two, then it all blanked
> to decimals with the audible announcement of
>
> dididah didahdidit.
>
> I'll check the service manual diagrams referenced to
> your suggestion sometime this week and report back.
>
> Thank you for the input!!!!
>
> TS-850_450_690@yahoogroups.com wrote:
>
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. Re: all signals sound like they have ripple on
> receive.
> From: Bill K0ZL
>
>
>
------------------------------------------------------------------------
>
------------------------------------------------------------------------
>
> Message: 1
> Date: Sat, 12 Jun 2004 05:19:52 -0700 (PDT)
> From: Bill K0ZL
> Subject: Re: all signals sound like they have ripple
> on receive.

>
> Are you getting an Unlock "UL" code from the radio
> at
> any time?
>
> Have you checked the UL signals from the two PLL
> chips
> on the PLL unit yet, with a scope? If one begins to
> fail intermittantly, it will cause the distortion
> you
> mention but not trigger the UL signal to sound.
>
> I just fixed an 850 with such a problem by dribbling
> a
> little denatured alcohol on TC2 in the smaller of
> the
> two VCO cans on the PLL unit (just underneath the
> DDS
> unit, left side of radio). I turned TC2 back and
> forth, then dribbled some more alcohol on it and
> allowed it to dry under a 50 watt spotlamp. That
> cured
> the problem.
>
> The alternative is to pull the board and replace
> TC2,
> it's a 10pF variable, with a good ceramic variable
> as
> in the ICOM rig pll fixes.
>
> b
>
> --- "D.Cy Gacuzana" wrote:
> > Any ideas on what parts are broken that would
> cause
> > all CW signals to sound as if they are fuzzy, with
> > less than perfect tone? First I thought, that guys
> > power supply needs filtering, then the next signal
> > sounded the same, so I checked all received
> signals
> > against my Pegasus, and the Peg was hearing all
> > signals fine, as all the signals were fine, except
> > on receive with my 850, sounds like ripple
> > modulation plus fuzziness.
> > Also, before the RX went completely earlier last
> > year, I noticed loud signals on either side of
> zero
> > beat. Especially signals 20 over s9. But kicking
> > in just one 500 Hz filter usually in the 455 stage
> > made the wrong signal disappear. I kept using the

> > radio, anyway, until one afternoon, the Rx just
> > disappeared.
> > Some transistors and capacitors were replaced on
> one
> > of the 'RF boards," and the radio was like new
> > again.
> > Until now.
> > Any ideas? I also noticed, that awesome Rx
> fidelity
> > is gone from my rig on Rx with SSB signals now.
> > Now, everybody sounds terrible on it.
> > Everything else on the rig works perfectly.
> >
> >
> > ---------------------------------
> > Do you Yahoo!?
> > Friends. Fun. Try the all-new Yahoo! Messenger
> >
> > [Non-text portions of this message have been
> > removed]
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> =====
>
> "If in doubt, MODIFY" --k0zl
>
> Need a tech? See our website www.amateur-repairs.com
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> _____________________________________
> Do you Yahoo!?
> Friends. Fun. Try the all-new Yahoo! Messenger.
> http://messenger.yahoo.com/
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>
> THANKS FOR USING TS-850_450_690@...

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> Yahoo! Groups Links
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> ---
> Do you Yahoo!?
> Friends. Fun. Try the all-new Yahoo! Messenger
>
> [Non-text portions of this message have been
> removed]
>
>

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"If in doubt, MODIFY" --k0zl

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# 2273. Re: [TS-850_450_690] Re: TS 850 sat works fine but no AF receive volume, hhmmmmm

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-15 01:43:04 UTC
From: Bill K0ZL
Topic: 2263  Message: 2273

You probably have a bad audio output IC, located on
the IF unit; it's a UPC2002V, and suggest also
replacing C187, 470uF at 10 volt, SMD cap.

Don't sub on the amp; it LOOKS like an LM383 but it
ISN'T. Horrible things will happen if you sub this.

bill

--- leeroe2003 <leeroe1@...> wrote:
> Hi All,
> Well it was late when I wrote the original........
> but I knew I
> would miss something obvious....he he
>
> Yes I have tried the external speaker and that too
> is not
> functioning correctly, no AF vol at all unless your
> ear is pressed
> up against the speaker, and then it is just a
> whisper.
>
> Rgds
> Lee - M3LMP
>
> > External speaker jack working?
> >
> > b
> >
> > --- leeroe2003 <leeroe1@h...> wrote:
> > > Hi to all,
> > > I have just picked up a TS850 SAT, very good
> > > condition and all
> > > looked well when I took the radio out of the
> box.
> > > After setting up I
> > > switched the radio on and everything lit up
> fine,
> > > but there was no
> > > volume, I rotated the AF control and still
> nothing,
> > > checked squelch,
> > > that was off, changed mode to USB, and still no
> AF.

> > > Using my other
> > > radio, I checked TX and that is fine, Using the
> > > monitor function and
> > > a set of headphones, this is also working fine.
> If
> > > the AF is turned
> > > up full then you can just about make out faint
> > > signals being
> > > received. Any body any ideas ? help would be
> greatly
> > > appreciated.
> > >
> > > Rgds
> > >
> > > Lee
> > > M3LMP
> > >
> > >
> > >
> >
> >
> > =====
> >
> > "If in doubt, MODIFY" --k0zl
> >
> > Need a tech? See our website
> www.amateur-repairs.com
> >
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> >
> >
> >
> >
> >
> > _____
> > Do you Yahoo!?
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>
>
>

=====

"If in doubt, MODIFY" --k0zl

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_____
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http://messenger.yahoo.com/

# 2274. AW: [TS-850_450_690] Re: TS 850 sat works fine but no AF receive volume, hhmmmmm

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-15 04:01:36 UTC
From: Markus Dully
Topic: 2263  Message: 2274

Here I took the TDA2002 or TDA2003 which are available very easily.
Max

-----Ursprüngliche Nachricht-----
Von: Bill K0ZL [mailto:coorsbill@yahoo.com]
Gesendet: Dienstag, 15. Juni 2004 03:43
An: TS-850_450_690@yahoogroups.com
Betreff: Re: [TS-850_450_690] Re: TS 850 sat works fine but no AF
receive volume, hhmmmmm

You probably have a bad audio output IC, located on
the IF unit; it's a UPC2002V, and suggest also
replacing C187, 470uF at 10 volt, SMD cap.

Don't sub on the amp; it LOOKS like an LM383 but it
ISN'T. Horrible things will happen if you sub this.

bill

--- leeroe2003 <leeroe1@hotmail.com> wrote:
> Hi All,
> Well it was late when I wrote the original........
> but I knew I
> would miss something obvious....he he
>
> Yes I have tried the external speaker and that too
> is not
> functioning correctly, no AF vol at all unless your
> ear is pressed
> up against the speaker, and then it is just a
> whisper.
>
> Rgds
> Lee - M3LMP
>
> > External speaker jack working?
> >
> > b
> >
> > --- leeroe2003 <leeroe1@h...> wrote:
> > > Hi to all,
> > > I have just picked up a TS850 SAT, very good
> > > condition and all
> > > looked well when I took the radio out of the
> box.

> > > After setting up I
> > > switched the radio on and everything lit up
> fine,
> > > but there was no
> > > volume, I rotated the AF control and still
> nothing,
> > > checked squelch,
> > > that was off, changed mode to USB, and still no
> AF.
> > > Using my other
> > > radio, I checked TX and that is fine, Using the
> > > monitor function and
> > > a set of headphones, this is also working fine.
> If
> > > the AF is turned
> > > up full then you can just about make out faint
> > > signals being
> > > received. Any body any ideas ? help would be
> greatly
> > > appreciated.
> > >
> > > Rgds
> > >
> > > Lee
> > > M3LMP
> > >
> > >
> > >
> >
> >
> > =====
> >
> > "If in doubt, MODIFY" --k0zl
> >
> > Need a tech? See our website
> www.amateur-repairs.com
> >
> >
> >
> >
> >
> >
> >
> > _____________________________________
> > Do you Yahoo!?
> > Friends. Fun. Try the all-new Yahoo! Messenger.
> > http://messenger.yahoo.com/
>
>
>

=====

"If in doubt, MODIFY" --k0zl

Need a tech? See our website www.amateur-repairs.com

---
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D=groups/S=1705063108:HM/EXP=1087350186/A=2164339/R=0/SIG=11e2d64in/*htt
p:/www.netflix.com/Default?mqso=60183348> click here

<http://us.adserver.yahoo.com/l?M=298184.5022502.6152625.3001176/D=group
s/S=:HM/A=2164339/rand=652742609>

---

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TS-850_450_690-unsubscribe@yahoogroups.com
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>

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<http://docs.yahoo.com/info/terms/> Service.

[Non-text portions of this message have been removed]

# 2275. Re: TS 850 sat works fine but no AF receive volume, hhmmmmm

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-15 13:34:21 UTC
From: w9goc
Topic: 2263  Message: 2275

Lee,

Before getting too deep in replacing parts, how about a close inspection of the phone jack?

If the switch contacts have oxidized, you may not be getting adequate signal to the speaker when the phones are removed and the speaker is supposed to be taking over.

One of those silly little things, but not on everyone's troubleshooting checklist...

GL,
Frederick/W9GOC

# 2276. Re: [TS-850_450_690] Re: TS 850 sat works fine but no AF receive volume, hhmmmmm

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-16 01:51:26 UTC
From: kgshutt
Topic: 2263  Message: 2276

Also, see if headphones are working ok from the front panel jack. My speaker jack is intermittant but the headphone jack always works fb.

Ken - K5GUU

----- Original Message -----
From: w9goc
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, June 15, 2004 8:34 AM
Subject: [TS-850_450_690] Re: TS 850 sat works fine but no AF receive volume, hhmmmmm

Lee,

Before getting too deep in replacing parts, how about a close
inspection of the phone jack?

If the switch contacts have oxidized, you may not be getting
adequate signal to the speaker when the phones are removed and the
speaker is supposed to be taking over.

One of those silly little things, but not on everyone's
troubleshooting checklist...

GL,
Frederick/W9GOC

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[Non-text portions of this message have been removed]

# 2277. Re: PWR meter on TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-15 19:39:59 UTC
From: Sergey Kuzmin
Topic: 2262  Message: 2277

Bill,

THANK YOU. It really helping.
Now all well. Nice rig. Very good compare with my FT-1000MK5.

Best 73!
Sergey, RV3APM

> OK Sergey, the problem is that someone has turned the
> internal power control for the radio up all the way.
> This is not good; you must always have some ALC
> control of the output for it to remain constant and
> for distortion to be prevented.

# 2278. Does anyone have a Kenwood PS-1 phone patch manual?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-18 02:01:05 UTC
From: George
Topic: 2278  Message: 2278

I bought a PS-1 phone patch on QRZ.com from a ham in California who said he had the instruction manual but never sent it.

Does anyone have it in a .pdf file or a spare one or photocopy to sell? For some reason I can't view or print it on the Kenwood web page.

Thanks!

George
KC0KM

# 2279. Re: Does anyone have a Kenwood PS-1 phone patch manual?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-18 03:26:43 UTC
From: Max
Topic: 2278  Message: 2279

--- In TS-850_450_690@yahoogroups.com, "George" <greywolf@s...> wrote:
> I bought a PS-1 phone patch on QRZ.com from a ham in California who
> said he had the instruction manual but never sent it.
>
> Does anyone have it in a .pdf file or a spare one or photocopy to
> sell? For some reason I can't view or print it on the Kenwood web
> page.
>
> Thanks!
>
> George
> KC0KM

George,
Do you mean the PC-1??

Max

# 2280. Re: [TS-850_450_690] Re: Does anyone have a Kenwood PC-1 phone patch manual?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-18 03:44:08 UTC
From: Greywolf
Topic: 2280  Message: 2280

Yes, that was my typo. It is the PC-1.
----- Original Message -----
From: Max
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, June 17, 2004 10:26 PM
Subject: [TS-850_450_690] Re: Does anyone have a Kenwood PS-1 phone patch manual?

--- In TS-850_450_690@yahoogroups.com, "George" <greywolf@s...> wrote:
> I bought a PS-1 phone patch on QRZ.com from a ham in California who
> said he had the instruction manual but never sent it.
>
> Does anyone have it in a .pdf file or a spare one or photocopy to
> sell? For some reason I can't view or print it on the Kenwood web
> page.
>
> Thanks!
>
> George
> KC0KM

George,
Do you mean the PC-1??

Max

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[Non-text portions of this message have been removed]

# 2281. Noisy DRU2 and TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-18 14:23:13 UTC
From: Markus Dully
Topic: 2281  Message: 2281

Hi,

I am wondering because the playback audio of the DRU2 is in my own speaker during transmitting absolutely clean with no noise in the background.
But if I listen my audio back with another radio its sounds noisy.

Any idea where the interference could affect my TX audio ?

73s
Max, OE6MDF

-----Ursprüngliche Nachricht-----
Von: Markus Dully [mailto:mdully@...]
Gesendet: Montag, 14. Juni 2004 06:18
An: 'TS-850_450_690@yahoogroups.com'
Betreff: TS850S + DRU2 and background noise

Hi together !

I plugged a DRU 2 recorder unit into my TS850S and regonized a background noise if I playback the DRU2.
Maybe that□s normal ???

You hear the noise only during my speech breaks. If I modulate up (speak loud at recording) the noise is not so big in the playback.

I tried to record □nothing□ and played it back without any microphone connected: Then the noise level is so high that my TRX pushes out at about 20W.
But with a microphone connected you can hear noise also but no see no power output at the internal □wattmeter□.

Maybe someone know any modification to fix the problem ?

BTW I have the standard recording time (8s-8s-16s)

73s
Max, OE6MDF

[Non-text portions of this message have been removed]

# 2282. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-18 15:30:13 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 2282

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /PC1-1A_Schematic.pdf
Uploaded by : pp2elo <py9elo@...>
Description : PC-1A Phone Patch schematic

You can access this file at the URL

http://groups.yahoo.com/group/TS-850_450_690/files/PC1-1A_Schematic.pdf

To learn more about file sharing for your group, please visit

http://help.yahoo.com/help/us/groups/files

Regards,

pp2elo <py9elo@...>

# 2283. Re: [TS-850_450_690] Re: Does anyone have a Kenwood PC-1 phone patch manual?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-18 14:33:56 UTC
From: Silva
Topic: 2280  Message: 2283

Hi all,
I has posted this schemati on the group files section now...
Best regards,
Silva.

At 00:44 18/06/04, you wrote:
>Yes, that was my typo. It is the PC-1.
> ----- Original Message -----
> From: Max
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, June 17, 2004 10:26 PM
> Subject: [TS-850_450_690] Re: Does anyone have a Kenwood PS-1 phone
> patch manual?
>
>
> --- In TS-850_450_690@yahoogroups.com, "George" <greywolf@s...> wrote:
> > I bought a PS-1 phone patch on QRZ.com from a ham in California who
> > said he had the instruction manual but never sent it.
> >
> > Does anyone have it in a .pdf file or a spare one or photocopy to
> > sell? For some reason I can't view or print it on the Kenwood web
> > page.
> >
> > Thanks!
> >
> > George
> > KC0KM
>
> George,
> Do you mean the PC-1??
>
> Max
>
>
>
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>
>
>
>_____ Informação do NOD32 1.790 (20040617) _____
>
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>http://www.nod32.com.br

**********
Brasilian Ham Radio
Call sign : PY8ELO
Old Call : PP2ELO / PY9ELO
QRA : Silva
Address : PO BOX ( CAIXA POSTAL ) 151 Centro
CEP 68180-630
ITAITUBA - PARÁ - BRASIL
Grid Locator: GI25AR

**********
QRV : 7.093,00 KHz-Power: 0,05 - 100 Watts;
14.145,00 KHz-Power: 0,05 - 100 Watts ;
28.365,00 KHz-Power: 0,05 - 100 Watts;
50.110,00 KHz-Power: 0,05 - 25 Watts

**********

# 2284. Re: Does anyone have a Kenwood PC-1 phone patch manual?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-19 03:31:33 UTC
From: Sean
Topic: 2280  Message: 2284

I upped a .pdf of the PC-1A manual to the Files area. Not sure how
different it is from the PC-1.

73
Sean, N3IJW

--- In TS-850_450_690@yahoogroups.com, "Greywolf" <greywolf@s...>
wrote:
> Yes, that was my typo. It is the PC-1.
> ----- Original Message -----
> From: Max
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, June 17, 2004 10:26 PM
> Subject: [TS-850_450_690] Re: Does anyone have a Kenwood PS-1
phone patch manual?
>
>
> --- In TS-850_450_690@yahoogroups.com, "George" <greywolf@s...>
wrote:
> > I bought a PS-1 phone patch on QRZ.com from a ham in California
who
> > said he had the instruction manual but never sent it.
> >
> > Does anyone have it in a .pdf file or a spare one or photocopy
to
> > sell? For some reason I can't view or print it on the Kenwood
web
> > page.
> >
> > Thanks!
> >
> > George
> > KC0KM
>
> George,
> Do you mean the PC-1??
>
> Max
>
>
>
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>
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>
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>
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> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> [Non-text portions of this message have been removed]

# 2285. Thanks to Sean, N3IJW

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-19 20:00:22 UTC
From: George
Topic: 2285  Message: 2285

Many thanks to Sean for providing the Kenwood PC-1A phone patch manual in the file area of this group!

George
KC0KM

# 2286. Re: Thanks to Sean, N3IJW

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-19 22:26:33 UTC
From: Sean
Topic: 2285  Message: 2286

No problem! Also thanks to Ward, KG6HAF, for the original scan.

--- In TS-850_450_690@yahoogroups.com, "George" <greywolf@s...> wrote:
> Many thanks to Sean for providing the Kenwood PC-1A phone patch
> manual in the file area of this group!
>
> George
> KC0KM

# 2287. Re: DSP-100, IF-232C and the TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-20 13:36:38 UTC
From: pa7two
Topic: 2249  Message: 2287

Hi to all,

have been on holiday, so a bit late response >> SRI.

YES it works 100%!

Kees - pa7two

**********

--- In TS-850_450_690@yahoogroups.com, "Clif" <avvidclif@y...> wrote:
> I quote from the owners manual;
> "Cont Out connector
> This connector is used when there are two transceivers connected
> together in a Master/Slace configuration and you have separate DSP-
> 100 units for each transceiver. This connector is used to connected
> the interface."
>
> If it is the interconnect for two radios then there is data
present.
> It is a buffered output. Whether or not it will work I don't know
but
> it seems I have heard it will.
>
> Clif
>
>
> --- In TS-850_450_690@yahoogroups.com, "ac742a" <ac742@f...> wrote:
> > Hi Clif
> >
> > While there is nothing at all in the documentation to this
affect,
> but
> > are you saying that all I need to do is plug the IF232C into the
> > DSP-100 din socket labelled "CONT OUT" and this would allow me to
> > continue to have computer control over my TS-850?
> >
> > As I don't have my DSP-100 yet, I can't try it, but I would
> appreciate
> > a confirmation that I got it right.
> >
> > Thanks Clif and to all that replied to my question.
> >
> > 73
> >
> > Greg/VE3YTZ

> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Clif" <avvidclif@y...>
> wrote:
> >
> > > IIRC There is a din socket on the back of the DSP100 for the
> IF232
> > > to connect to. It is a pass thru for the data line.
> > >
> > > Clif
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, Berry W6EZ
<serazin@p...>
> > > wrote:
> > > > Yes! I too would like to hear how that is done.
> > > > Details and a diagram please!
> > > > Berry W6EZ
> > > >
> > > >
> > > > ac742a wrote:
> > > >
> > > > > No there is no IF-232C socket on the DSP-100.
> > > > >
> > > > > Perhaps and if you don't mind, could you plse explain how
you
> > > have
> > > > > connected your DSP-100 together with the IF-232C to your TS-
> 850.
> > > > >
> > > > > Thank so much
> > > > >
> > > > > Greg/VE3YTZ
> > > > >
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com, "pa7two"
<pa7two@n...>
> > > wrote:
> > > > >
> > > > > > Hi to all,
> > > > > >
> > > > > > Doesn't have the DSP-100 unit a seperate socket for the
IF-
> > > 232C? I
> > > > > > control my rig via the DSP-100 unit without ANY problem!
> > > > > >
> > > > > > Kind regards and 73,
> > > > > >
> > > > > > De Kees - pa7two - m5two
> > > > > >

> > > > > > ****************************************
> > **********
> > > > > >
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, Berry W6EZ
> > > <serazin@p...>
> > > > > wrote:
> > > > > > > I have always been told they were not designed to be
used
> > > > > together.
> > > > > > > >
> > > > > > > W6EZ
> > > > > > > >
> > > > > > > ac742a wrote:
> > > > > > > >
> > > > > > > > Are the DSP-100 and the IF-232C mutually exclusive?
Both
> > > > > outboard
> > > > > > > > units interface with the TS-850 via the rear ACC 1
> > > connector.
> > > > > > > >
> > > > > > > > Does anyone have any suggestions if I wanted to have
> both
> > > > > accessories
> > > > > > > > in use? I was fortunate enough to pick up a DSP-100
at
> a
> > > decent
> > > > > > > > price but I don't want to loose computer control via
> the
> > > IF-
> > > > > > 232C.
> > > > > > > >
> > > > > > > > Thanks in advance.
> > > > > > > >
> > > > > > > > 73
> > > > > > > >
> > > > > > > > Greg/VE3YTZ

# 2288. Re: DSP-100, IF-232C and the TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-21 17:26:19 UTC
From: ac742a
Topic: 2249  Message: 2288

Thank you to all who have responded to my question.

It is a bit strange that it is not more explicit in the documentation, but there you are. If it was all clear, we would not need groups like this one.

Thanks again

Greg/VE3YTZ

--- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@n...> wrote:
> Hi to all,
>
> have been on holiday, so a bit late response >> SRI.
>
> YES it works 100%!
>
> Kees - pa7two
>
> **********
>
>
> --- In TS-850_450_690@yahoogroups.com, "Clif" <avvidclif@y...>
wrote:
> > I quote from the owners manual;
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> > This connector is used when there are two transceivers connected
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DSP-
> > 100 units for each transceiver. This connector is used to
connected
> > the interface."
> >
> > If it is the interconnect for two radios then there is data
> present.
> > It is a buffered output. Whether or not it will work I don't know
> but
> > it seems I have heard it will.
> >
> > Clif
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "ac742a" <ac742@f...>
wrote:
> > > Hi Clif
> > >

> > > While there is nothing at all in the documentation to this
> affect,
> > but
> > > are you saying that all I need to do is plug the IF232C into the
> > > DSP-100 din socket labelled "CONT OUT" and this would allow me
to
> > > continue to have computer control over my TS-850?
> > >
> > > As I don't have my DSP-100 yet, I can't try it, but I would
> > appreciate
> > > a confirmation that I got it right.
> > >
> > > Thanks Clif and to all that replied to my question.
> > >
> > > 73
> > >
> > > Greg/VE3YTZ
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Clif" <avvidclif@y...>
> > wrote:
> > >
> > > > IIRC There is a din socket on the back of the DSP100 for the
> > IF232
> > > > to connect to. It is a pass thru for the data line.
> > > >
> > > > Clif
> > > >
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, Berry W6EZ
> <serazin@p...>
> > > > wrote:
> > > > > Yes! I too would like to hear how that is done.
> > > > > Details and a diagram please!
> > > > > Berry W6EZ
> > > > >
> > > > >
> > > > > ac742a wrote:
> > > > >
> > > > > > No there is no IF-232C socket on the DSP-100.
> > > > > >
> > > > > > Perhaps and if you don't mind, could you plse explain how
> you
> > > > have
> > > > > > connected your DSP-100 together with the IF-232C to your
TS-
> > 850.
> > > > > >
> > > > > > Thank so much
> > > > > >

> > > > > > Greg/VE3YTZ
> > > > > >
> > > > > >
> > > > > > --- In TS-850_450_690@yahoogroups.com, "pa7two"
> <pa7two@n...>
> > > > wrote:
> > > > > >
> > > > > > > Hi to all,
> > > > > > >
> > > > > > > Doesn't have the DSP-100 unit a seperate socket for the
> IF-
> > > > 232C? I
> > > > > > > control my rig via the DSP-100 unit without ANY problem!
> > > > > > >
> > > > > > > Kind regards and 73,
> > > > > > >
> > > > > > > De Kees - pa7two - m5two
> > > > > > >
> > > > > > > ****************************************
> > > ********************
> > > > > > >
> > > > > > >
> > > > > > > --- In TS-850_450_690@yahoogroups.com, Berry W6EZ
> > > > <serazin@p...>
> > > > > > wrote:
> > > > > > > > I have always been told they were not designed to be
> used
> > > > > > together.
> > > > > > > >
> > > > > > > > W6EZ
> > > > > > > >
> > > > > > > > ac742a wrote:
> > > > > > > >
> > > > > > > > Are the DSP-100 and the IF-232C mutually exclusive?
> Both
> > > > > > outboard
> > > > > > > > units interface with the TS-850 via the rear ACC 1
> > > > connector.
> > > > > > > >
> > > > > > > > Does anyone have any suggestions if I wanted to
have
> > both
> > > > > > accessories
> > > > > > > > in use? I was fortunate enough to pick up a DSP-100
> at
> > a
> > > > decent
> > > > > > > > price but I don't want to loose computer control
via
> > the

> > > > IF-
> > > > > > 232C.
> > > > > > > > > >
> > > > > > > > > > Thanks in advance.
> > > > > > > > > > >
> > > > > > > > > > 73
> > > > > > > > > > >
> > > > > > > > > > Greg/VE3YTZ

# 2289. AT-130 Antenna Tuner For Sale on ebay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-24 21:57:49 UTC
From: rfpexec
Topic: 2289  Message: 2289

I have listed an AT-130 Antenna Tuner on ebay.

Click on this link to see the listing and a picture:

http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=5705294841&sspagename=STRK%3AMESE%3AIT&rd=1

If the link does not work for you, just to go http://ebay.com and de
a search for: kenwood at-130

Thanks,

Bill

# 2290. Re: [TS-850_450_690] AT-130 Antenna Tuner For Sale on ebay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-25 13:02:11 UTC
From: Bill K0ZL
Topic: 2289  Message: 2290

Nice unit. They are much better built than any of the
currently available manual tuners.

Would bid if I had money!

b

--- rfpexec <rfpexec@...> wrote:
> I have listed an AT-130 Antenna Tuner on ebay.
>
> Click on this link to see the listing and a picture:
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?
>
ViewItem&item=5705294841&sspagename=STRK%3AMESE%3AIT&rd=1
>
> If the link does not work for you, just to go
> http://ebay.com and de
> a search for: kenwood at-130
>
>
> Thanks,
>
> Bill
>
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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Do you Yahoo!?
Yahoo! Mail Address AutoComplete - You start. We finish.
http://promotions.yahoo.com/new_mail

# 2292. PIN diode modification

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-27 21:16:02 UTC
From: Ramon
Topic: 2292  Message: 2292

Hi friends,

Today I decided to heat up the soldering iron to do some mods on my TS-850SAT. The NB mod -> done; BCB att bypass -> done; Overall frequency adjust -> done; PIN diode modification with BAR64-03 -> done.

I just added a picture of the latter to show how the 1st four "blue brothers" were placed. The other "ex-works" switching diodes were still on place on the picture but a few minutes later they were replaced by the 8 other BAR's.

The pic is called "PIN diode mod.jpg" and can be found directly under "Files". Check this one when you're about to replace them yourself.

And this mod works great!!!

Take care and best regards from

Ramon, PE1OUW
The Netherlands

# 2293. Mods

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-28 12:25:02 UTC
From: Karl
Topic: 2293  Message: 2293

Hi all
Also just warmed my soldering iron to do the NB mod (-done) and the CW-moni mod (-done). Both worked without problems, but I don't understand why the CW-mod description states that you have to solder on the rear side of the IF-board. As far as I could see, it isn't necessary to dismount anything on that board apart from some of the cables surrounding the work area, just to avoid burning them with your iron. All contact points are reached from the upside.
That makes the mod much easier to perform, as you don't risk putting anything back in the wrong place.
Both mods worked 1st class and made me like this great rig even better!

73s de Karl LA1CU

# 2294. Re: Mods

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-28 12:29:05 UTC
From: Karl
Topic: 2293  Message: 2294

BTW: This great rig is of course the TS-850 SAT
> 73s de Karl LA1CU

# 2295. NB Board

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-28 15:15:33 UTC
From: wq5w
Topic: 2295  Message: 2295

Can someone tell me if you can order just the Noise Blanker board by itself and, if so, what the part # is? I don't think the board number listed on the mods page (X59-1100-00) is correct as this number is shown on the parts suppliers websites and the schematic as the DC-DC board, not the NB board. I am referring to the NB board located under the speaker that can be modified to improve the NB performance.

I did the NB modification and think I screwed it up because now when I push the NB switch(es) the receiver drops to almost a muted level. I tried to reverse the mod, but no luck. I think I may have screwed something else up on the board while doing the mod and want to replace the whole board, if I can find the correct part number to order.

Thanks in advance.

Alan, WQ5W

# 2296. Re: [TS-850_450_690] Mods

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-28 17:06:28 UTC
From: RobertV
Topic: 2293  Message: 2296

>As far as I could see, it isn't necessary to dismount anything on that board apart from some of the
>cables surrounding the work area, just to avoid burning them with
>your iron. All contact points are reached from the upside.

I agree, I did my mod all on top too. Some pictures 'ere...
http://www.mm0fvc.co.uk/mm0ant/other/850/850.htm

Rv!

[Non-text portions of this message have been removed]

# 2297. Re: NB Board

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-28 17:04:58 UTC
From: Max
Topic: 2295  Message: 2297

Alan,

According to the service manual, the board in question is number X44-3120-00D/4. Not sure if it is B/4 or D/4 but according to East Coast Transistor, the B/4 board is $115.00 and the D/4 board is only $35.00.

I can't see that small board costing $115.00. And the DC-DC board is included in it. I am now on my third 850, and I have done the NB mod to all of them. Although this last time I didn't see any change. In fact it appeared the noise blanker wasn't working at all. No symptoms as you are eperiencing, just no difference whether the switch is in or out. I removed the board and checked for solder blobs or shorts and found nothing. So I am confused. I have thought about replacing the NB with one of those Hear-It DSP units from www.w4rt.com. I heard one this last weekend on an FT817 QRP rig and the noise reduction was simply amazing. It would be a simple job to rewire the NB buttons on the 850 to function on the DSP module.

Max

# 2298. Re: NB Board

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-28 18:07:55 UTC
From: wq5w
Topic: 2295  Message: 2298

Max:

East Coast parts actually lists 4 parts of the RF Unit:

X44-3120-00A/4 TS-850S RF UNIT(A/4 ONLY) $215.00
X44-3120-00B/4 TS-850S RF UNIT(B/4 ONLY) $115.00
X44-3120-00C/4 RF UNIT (C/4) TS-850S $55.00
X44-3120-00D/4 RF UNIT (D/4) TS-850S $35.00

They list the entire RF Unit for $420.00 (I assume it includes all 4 parts above since the individual prices add up to $420.00).

I agree with you that it is probably not the $215.00 or $115.00 board, but is it the $55.00, $35.00 or none of the above?

The NB is shown on the schematic as part of the RF unit, so I am assuming it is one of these boards, but perhaps not.

Thanks,
Alan

--- In TS-850_450_690@yahoogroups.com, "Max" wrote:
> Alan,
>
> According to the service manual, the board in question is number
> X44-3120-00D/4. Not sure if it is B/4 or D/4 but according to East
> Coast Transistor, the B/4 board is $115.00 and the D/4 board is only
> $35.00.
>
> I can't see that small board costing $115.00. And the DC-DC board
is
> included in it. I am now on my third 850, and I have done the NB
mod
> to all of them. Although this last time I didn't see any change.
In
> fact it appeared the noise blanker wasn't working at all. No
symptoms
> as you are eperiencing, just no difference whether the switch is in
> or out. I removed the board and checked for solder blobs or shorts
> and found nothing. So I am confused. I have thought about
replacing
> the NB with one of those Hear-It DSP units from www.w4rt.com. I
heard
> one this last weekend on an FT817 QRP rig and the noise reduction
was
> simply amazing. It would be a simple job to rewire the NB buttons
on

> the 850 to function on the DSP module.
>
> Max

# 2299. Re: TS850 Band switching diodes

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-28 20:51:41 UTC
From: K9OR
Topic: 2205  Message: 2299

Joe K.,

Is this offer still good?
Email me off list - k9or at comcast dot net.

73 Randy K9OR

> 13 SMD for $6.50 including shipping.

# 2300. Re: [TS-850_450_690] Re: NB Board

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-28 21:06:36 UTC
From: Mike (WZ5Q)
Topic: 2295  Message: 2300

The correct P/N for the circuit board that the NB Modification is accomplished on is, X44-3120-00 B/4. This is the circuit board directly underneath the speaker with the 2ea capacitors that are isolated (618,619).
This circuit board is called a "RF Unit" along with others in the TS-850. Included upon this X44-3120-00 B/4 circuit board are the DC/DC Board, the NB2 Board, and the FM Mic Board. So the price of $115.00 sounds about right.
Just for clarification,
1) The X44-3120-00 A/4 is the Main RF Circuit Board located on the bottom left hand side of the TS-850. This is the board that you install the 8.83Mc filters on.
2) The X44-3120-00 B/4 is the circuit board directly underneath the speaker. This is the board that the NB Modification is performed to.
3) The X44-3120-00 C/4 is the circuit board that the speaker plugs into. It is located to the rear of the speaker. It has the DIP switch on it to chose your filter configuration.
4) The X44-3120-00 D/4 is the circuit board that holds the main power fuse on the back of the TS-850.
Hope this Helps.
73,
Mike
WZ5Q

wq5w wrote:

> Max:
>
> East Coast parts actually lists 4 parts of the RF Unit:
>
> X44-3120-00A/4 TS-850S RF UNIT(A/4 ONLY) $215.00
> X44-3120-00B/4 TS-850S RF UNIT(B/4 ONLY) $115.00
> X44-3120-00C/4 RF UNIT (C/4) TS-850S $55.00
> X44-3120-00D/4 RF UNIT (D/4) TS-850S $35.00
>
> They list the entire RF Unit for $420.00 (I assume it includes all 4
> parts above since the individual prices add up to $420.00).
>
> I agree with you that it is probably not the $215.00 or $115.00
> board, but is it the $55.00, $35.00 or none of the above?
>
> The NB is shown on the schematic as part of the RF unit, so I am
> assuming it is one of these boards, but perhaps not.
>
> Thanks,

> Alan
>
>
> --- In TS-850_450_690@yahoogroups.com, "Max" wrote:
> > Alan,
> >
> > According to the service manual, the board in question is number
> > X44-3120-00D/4. Not sure if it is B/4 or D/4 but according to East
> > Coast Transistor, the B/4 board is $115.00 and the D/4 board is only
> > $35.00.
> >
> > I can't see that small board costing $115.00. And the DC-DC board
> is
> > included in it. I am now on my third 850, and I have done the NB
> mod
> > to all of them. Although this last time I didn't see any change.
> In
> > fact it appeared the noise blanker wasn't working at all. No
> symptoms
> > as you are eperiencing, just no difference whether the switch is in
> > or out. I removed the board and checked for solder blobs or shorts
> > and found nothing. So I am confused. I have thought about
> replacing
> > the NB with one of those Hear-It DSP units from www.w4rt.com. I
> heard
> > one this last weekend on an FT817 QRP rig and the noise reduction
> was
> > simply amazing. It would be a simple job to rewire the NB buttons
> on
> > the 850 to function on the DSP module.
> >
> > Max
>
>

# 2301. Re: [TS-850_450_690] Re: NB Board

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-29 00:00:48 UTC
From: Bill K0ZL
Topic: 2295  Message: 2301

It will be the B/4 unit

b

--- wq5w <wq5w@...> wrote:
> Max:
>
> East Coast parts actually lists 4 parts of the RF
> Unit:
>
> X44-3120-00A/4 TS-850S RF UNIT(A/4 ONLY)
> $215.00
> X44-3120-00B/4 TS-850S RF UNIT(B/4 ONLY)
> $115.00
> X44-3120-00C/4 RF UNIT (C/4) TS-850S
> $55.00
> X44-3120-00D/4 RF UNIT (D/4) TS-850S
> $35.00
>
> They list the entire RF Unit for $420.00 (I assume
> it includes all 4
> parts above since the individual prices add up to
> $420.00).
>
> I agree with you that it is probably not the $215.00
> or $115.00
> board, but is it the $55.00, $35.00 or none of the
> above?
>
> The NB is shown on the schematic as part of the RF
> unit, so I am
> assuming it is one of these boards, but perhaps not.
>
> Thanks,
> Alan
>
>
> --- In TS-850_450_690@yahoogroups.com, "Max" wrote:
> > Alan,
> >
> > According to the service manual, the board in
> question is number
> > X44-3120-00D/4. Not sure if it is B/4 or D/4 but
> according to East
> > Coast Transistor, the B/4 board is $115.00 and the

> D/4 board is only
> > $35.00.
> >
> > I can't see that small board costing $115.00. And
> the DC-DC board
> is
> > included in it. I am now on my third 850, and I
> have done the NB
> mod
> > to all of them. Although this last time I didn't
> see any change.
> In
> > fact it appeared the noise blanker wasn't working
> at all. No
> symptoms
> > as you are eperiencing, just no difference
> whether the switch is in
> > or out. I removed the board and checked for
> solder blobs or shorts
> > and found nothing. So I am confused. I have
> thought about
> replacing
> > the NB with one of those Hear-It DSP units from
> www.w4rt.com. I
> heard
> > one this last weekend on an FT817 QRP rig and the
> noise reduction
> was
> > simply amazing. It would be a simple job to
> rewire the NB buttons
> on
> > the 850 to function on the DSP module.
> >
> > Max
>
>

=====

"If in doubt, MODIFY" --k0zl

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http://promotions.yahoo.com/new_mail

# 2302. ts-850 ebay nonsmoker

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-29 16:55:40 UTC
From: Bill
Topic: 2302  Message: 2302

5706420196

not mine

looks like a good deal, has CW and narrow SSB filters also, non smokers rig.

Suggest top bid of $850 if you want it

b

# 2303. Re: [TS-850_450_690] ts-850 ebay nonsmoker

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-29 17:00:05 UTC
From: Mike (WZ5Q)
Topic: 2302  Message: 2303

I got sniped on a good one yesterday. It went for 550.00.
Ebay didnt post my final bid for some reason.
Mike
WZ5Q.

Bill wrote:

> 5706420196
>
> not mine
>
> looks like a good deal, has CW and narrow SSB filters also, non
> smokers rig.
>
> Suggest top bid of $850 if you want it
>
> b

# 2304. TNC Digital connections

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-29 22:26:48 UTC
From: ac7nj@arrl.net
Topic: 2304  Message: 2304

List members:

History:

It has been a while sense I have written to the list with this problem: (I moved and set up a new shack)

I have Kenwood TS-850; PK-232 MBX/PSK (TNC with soundcard modes)

The modification for the radio is done.

Digital operations work good.

RF Virtually eliminated as a cause.

SSB Voice now has a problem:

Mic Impedance is the most likely problem The TNC looks like an open Mic. To the radio.

Causing an open on pin 11 of the ACC-2 13 pin plug (Tx audio) solves the problem.

OK here is the Question:

Can I put in a relay; a foot switch to operate the relay and PTT then switch in/out my desk Mic at the ACC-2 Connector? The relay would be exchanging the TNC Mic connection with that of my desk Mic. All from the back of the rig (no messy wires in front :-) ) ground connections all common?

Randy Williamson AC7NJ

930 SE Zee Court

McMinnville, Oregon 97128-8933

ac7nj@...

[Non-text portions of this message have been removed]

# 2305. Re: TNC Digital connections

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-06-30 03:15:09 UTC
From: Max
Topic: 2304  Message: 2305

--- In TS-850_450_690@yahoogroups.com, <ac7nj@a...> wrote:

> OK here is the Question:
>
> Can I put in a relay; a foot switch to operate the relay and PTT
then
> switch in/out my desk Mic at the ACC-2 Connector? The relay would be
> exchanging the TNC Mic connection with that of my desk Mic. All from
> the back of the rig (no messy wires in front :-) ) ground
> connections all common?

That may work Randy, however the data input on pin 11 has an extra amplifier stage. Also the VOX may not work correctly. Why not go the balanced modulator feed method. It is a very easy mod to do. I run a separate input on the rear of the 850 that feeds my audio drectly to the balanced modulator. Pros of this method are fuller audio, as the restrictive mic amps are bypassed. Sounds great on AM. You must use a good quality mic for this. I use an Apex 435 studio mic with a tube preamp going into a Behringer 2200 5 band parametric EQ. Cons to this method are it only works on SSB and AM. Your VOX won't work neither will your speech processor. And you will need to manually switch the transceiver into TX using a foot switch or desk mounted switch. Maybe not for everyone, but if you want the fullest sound possible out of your 850 it is the way to go.

Max

# 2306. Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-01 07:18:19 UTC
From: smatda
Topic: 1174  Message: 2306

My PS-53 died two hours into Field Day. We took it apart (on the spot mind you) and both pass transistors were open. No biggie...I weaseled my way into the 20M tent, plunked the 450 down and wired myself up their PS.

Got replacements from Mouser and just got thru putting them in. Got 13.8VDC to the output terminals, but have a slight problem.

There's a faint ticking (about 2 or 3 times a second) coming from somewhere in the back. The voltage output coming from the back terminals jumps about a quarter to a half a volt with each tick..sometimes up, sometimes down. The ticking will fade away and then come back suddenly. If the supply is turned off, the ticking will fade away and get faster as it dies.

I can disconnect the output leads from the board and the ticking stops. The output voltage on the board terminals measures a rock steady 13.8VDC...ticking or not.

I'm tempted to think that the little ceramic cap across the output terminals is shot and is arcing. Am I on the right track, and could this have caused the finals to bite the dust in the first place?

Thanks,

Steve, KE4MOB

# 2307. TS 570S/G or what?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-01 11:05:42 UTC
From: Sarge
Topic: 2307  Message: 2307

I like the looks and sound of this 570s/g but I'm wondering if I should spend the $$$ for one of those or try to find a nice used 850 or 940 type of radio.
Anyone have druthers or experience? The insurance finally paid me off for all my losses to lightning!! Yeah!

# 2308. Re: TS 570S/G or what?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-01 13:53:39 UTC
From: Max
Topic: 2307  Message: 2308

--- In TS-850_450_690@yahoogroups.com, "Sarge" <sarge43@e...> wrote:
> I like the looks and sound of this 570s/g but I'm wondering if I should
> spend the $$$ for one of those or try to find a nice used 850 or 940
type of
> radio.
> Anyone have druthers or experience?

I am on my third 850! That should say something. In the past couple of years I have owned at one time or another a Yaesu FT920, Icom 706MKIIG, TS570SG and more than I care to mention. The DSP feature on these radios is nice, if you use it. When it is needed it works great. But the 850 ranks up there as a radio with one of the best receivers ever tested, and the rig is well known for the beautiful transmit audio it produces. I traded my previous ones away, but always came back to the 850. The NB isn't the best, no dual receive or DSP, but with the high and low IF shift, you really don't need it. My next project will be to replace the NB unit with the Hear-It DSP unit from W4RT. I think that is about the only feature you could add to the radio. Used 850's are going for $650 and up these days, in my opinion, a great deal on a classic.

Max

# 2309. Re: [TS-850_450_690] Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-01 14:09:46 UTC
From: Bill K0ZL
Topic: 1174  Message: 2309

Yep.

--- smatda <smatda@...> wrote:
> My PS-53 died two hours into Field Day. We took it
> apart (on the
> spot mind you) and both pass transistors were open.
> No biggie...I
> weaseled my way into the 20M tent, plunked the 450
> down and wired
> myself up their PS.
>
> Got replacements from Mouser and just got thru
> putting them in. Got
> 13.8VDC to the output terminals, but have a slight
> problem.
>
> There's a faint ticking (about 2 or 3 times a
> second) coming from
> somewhere in the back. The voltage output coming
> from the back
> terminals jumps about a quarter to a half a volt
> with each
> tick..sometimes up, sometimes down. The ticking
> will fade away and
> then come back suddenly. If the supply is turned
> off, the ticking
> will fade away and get faster as it dies.
>
> I can disconnect the output leads from the board and
> the ticking
> stops. The output voltage on the board terminals
> measures a rock
> steady 13.8VDC...ticking or not.
>
> I'm tempted to think that the little ceramic cap
> across the output
> terminals is shot and is arcing. Am I on the right
> track, and could
> this have caused the finals to bite the dust in the
> first place?
>
> Thanks,
>
> Steve, KE4MOB
>

>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2310. Re: [TS-850_450_690] TS 570S/G or what?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-01 14:16:20 UTC
From: Bill K0ZL
Topic: 2307  Message: 2310

An 850 is quite a bit more radio for the money than a
570. Forget the 940; they are great rigs but can be
very expensive to fix.

typical lightning repairs for 940: 350.00

typical lightning repairs for ts-850: 180.00

73,

Bill
K0ZL

--- Sarge <sarge43@...> wrote:
> I like the looks and sound of this 570s/g but I'm
> wondering if I should
> spend the $$$ for one of those or try to find a nice
> used 850 or 940 type of
> radio.
> Anyone have druthers or experience? The insurance
> finally paid me off for
> all my losses to lightning!! Yeah!
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2311. Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-02 05:40:37 UTC
From: smatda
Topic: 1174  Message: 2311

Didn't work, Bill. I replaced the cap, bolted everything back
together and turned it on...no ticking. Hooked up the radio, turned
it on, and the ticking is now a buzz....kind of akin to a flourescent
ballast gone bad. Also spewing out some pretty hefty RFI too...at
times knocking out some SWBC stations on 40 m.

If I didn't know any better I'd say its the pass transistors
themselves buzzing.

I took a risk and loaded it up using the 450 into a dummy load. It
will pull 100 watts CW. The buzzing seems to fade quite a bit at 100
watts almost to a barely audible hum. The pass transistor base
voltage goes up between a half to one volt and the output voltage
sags as much.

Back to the drawing board.

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> Yep.
>
> --- smatda <smatda@y...> wrote:
> > My PS-53 died two hours into Field Day. We took it
> > apart (on the
> > spot mind you) and both pass transistors were open.
> > No biggie...I
> > weaseled my way into the 20M tent, plunked the 450
> > down and wired
> > myself up their PS.
> >
> > Got replacements from Mouser and just got thru
> > putting them in. Got
> > 13.8VDC to the output terminals, but have a slight
> > problem.
> >
> > There's a faint ticking (about 2 or 3 times a
> > second) coming from
> > somewhere in the back. The voltage output coming
> > from the back
> > terminals jumps about a quarter to a half a volt
> > with each
> > tick..sometimes up, sometimes down. The ticking
> > will fade away and
> > then come back suddenly. If the supply is turned

> > off, the ticking
> > will fade away and get faster as it dies.
> >
> > I can disconnect the output leads from the board and
> > the ticking
> > stops. The output voltage on the board terminals
> > measures a rock
> > steady 13.8VDC...ticking or not.
> >
> > I'm tempted to think that the little ceramic cap
> > across the output
> > terminals is shot and is arcing. Am I on the right
> > track, and could
> > this have caused the finals to bite the dust in the
> > first place?
> >
> > Thanks,
> >
> > Steve, KE4MOB
> >
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> =====
>
> "If in doubt, MODIFY" --k0zl
>
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# 2312. Re: [TS-850_450_690] Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-02 20:30:47 UTC
From: Bill K0ZL
Topic: 1174  Message: 2312

Did you say you checked this with a scope?

b

--- smatda <smatda@...> wrote:
> Didn't work, Bill. I replaced the cap, bolted
> everything back
> together and turned it on...no ticking. Hooked up
> the radio, turned
> it on, and the ticking is now a buzz....kind of akin
> to a flourescent
> ballast gone bad. Also spewing out some pretty
> hefty RFI too...at
> times knocking out some SWBC stations on 40 m.
>
> If I didn't know any better I'd say its the pass
> transistors
> themselves buzzing.
>
> I took a risk and loaded it up using the 450 into a
> dummy load. It
> will pull 100 watts CW. The buzzing seems to fade
> quite a bit at 100
> watts almost to a barely audible hum. The pass
> transistor base
> voltage goes up between a half to one volt and the
> output voltage
> sags as much.
>
> Back to the drawing board.
>
> Steve, KE4MOB
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
> > Yep.
> >
> > --- smatda <smatda@y...> wrote:
> > > My PS-53 died two hours into Field Day. We took
> it
> > > apart (on the
> > > spot mind you) and both pass transistors were
> open.
> > > No biggie...I

> > > weaseled my way into the 20M tent, plunked the
> 450
> > > down and wired
> > > myself up their PS.
> > >
> > > Got replacements from Mouser and just got thru
> > > putting them in. Got
> > > 13.8VDC to the output terminals, but have a
> slight
> > > problem.
> > >
> > > There's a faint ticking (about 2 or 3 times a
> > > second) coming from
> > > somewhere in the back. The voltage output
> coming
> > > from the back
> > > terminals jumps about a quarter to a half a volt
> > > with each
> > > tick..sometimes up, sometimes down. The ticking
> > > will fade away and
> > > then come back suddenly. If the supply is
> turned
> > > off, the ticking
> > > will fade away and get faster as it dies.
> > >
> > > I can disconnect the output leads from the board
> and
> > > the ticking
> > > stops. The output voltage on the board
> terminals
> > > measures a rock
> > > steady 13.8VDC...ticking or not.
> > >
> > > I'm tempted to think that the little ceramic cap
> > > across the output
> > > terminals is shot and is arcing. Am I on the
> right
> > > track, and could
> > > this have caused the finals to bite the dust in
> the
> > > first place?
> > >
> > > Thanks,
> > >
> > > Steve, KE4MOB
> > >
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> >
> > =====
> >
> > "If in doubt, MODIFY" --k0zl
> >
> > Need a tech? See our website
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# 2313. Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-03 01:50:05 UTC
From: smatda
Topic: 1174  Message: 2313

Nope, unfortunately no access to one, either.

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> Did you say you checked this with a scope?
>
> b
>
>
> --- smatda <smatda@y...> wrote:
> > Didn't work, Bill. I replaced the cap, bolted
> > everything back
> > together and turned it on...no ticking. Hooked up
> > the radio, turned
> > it on, and the ticking is now a buzz....kind of akin
> > to a flourescent
> > ballast gone bad. Also spewing out some pretty
> > hefty RFI too...at
> > times knocking out some SWBC stations on 40 m.
> >
> > If I didn't know any better I'd say its the pass
> > transistors
> > themselves buzzing.
> >
> > I took a risk and loaded it up using the 450 into a
> > dummy load. It
> > will pull 100 watts CW. The buzzing seems to fade
> > quite a bit at 100
> > watts almost to a barely audible hum. The pass
> > transistor base
> > voltage goes up between a half to one volt and the
> > output voltage
> > sags as much.
> >
> > Back to the drawing board.
> >
> > Steve, KE4MOB
> >
> > --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> > <coorsbill@y...>
> > wrote:
> > > Yep.
> > >
> > > --- smatda <smatda@y...> wrote:
> > > > My PS-53 died two hours into Field Day. We took

> > it
> > > > apart (on the
> > > > spot mind you) and both pass transistors were
> > open.
> > > > No biggie...I
> > > > weaseled my way into the 20M tent, plunked the
> > 450
> > > > down and wired
> > > > myself up their PS.
> > > >
> > > > Got replacements from Mouser and just got thru
> > > > putting them in. Got
> > > > 13.8VDC to the output terminals, but have a
> > slight
> > > > problem.
> > > >
> > > > There's a faint ticking (about 2 or 3 times a
> > > > second) coming from
> > > > somewhere in the back. The voltage output
> > coming
> > > > from the back
> > > > terminals jumps about a quarter to a half a volt
> > > > with each
> > > > tick..sometimes up, sometimes down. The ticking
> > > > will fade away and
> > > > then come back suddenly. If the supply is
> > turned
> > > > off, the ticking
> > > > will fade away and get faster as it dies.
> > > >
> > > > I can disconnect the output leads from the board
> > and
> > > > the ticking
> > > > stops. The output voltage on the board
> > terminals
> > > > measures a rock
> > > > steady 13.8VDC...ticking or not.
> > > >
> > > > I'm tempted to think that the little ceramic cap
> > > > across the output
> > > > terminals is shot and is arcing. Am I on the
> > right
> > > > track, and could
> > > > this have caused the finals to bite the dust in
> > the
> > > > first place?
> > > >
> > > > Thanks,
> > > >
> > > > Steve, KE4MOB

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> > > >
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> > >
> > > =====
> > >
> > > "If in doubt, MODIFY" --k0zl
> > >
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# 2314. Re: [TS-850_450_690] Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-03 12:01:19 UTC
From: Bill K0ZL
Topic: 1174  Message: 2314

OK then, your DVM on AC should show the spikes.

Where is there a schematic of the PS-53 so's I can
look at it?

thanks

b

--- smatda <smatda@...> wrote:
> Nope, unfortunately no access to one, either.
>
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
> > Did you say you checked this with a scope?
> >
> > b
> >
> >
> > --- smatda <smatda@y...> wrote:
> > > Didn't work, Bill. I replaced the cap, bolted
> > > everything back
> > > together and turned it on...no ticking. Hooked
> up
> > > the radio, turned
> > > it on, and the ticking is now a buzz....kind of
> akin
> > > to a flourescent
> > > ballast gone bad. Also spewing out some pretty
> > > hefty RFI too...at
> > > times knocking out some SWBC stations on 40 m.
> > >
> > > If I didn't know any better I'd say its the pass
> > > transistors
> > > themselves buzzing.
...

=====

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# 2315. Manual, Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-03 12:14:43 UTC
From: RobertV
Topic: 1174  Message: 2315

The Schematic is in the manual at www.mods.dk.

It's a pretty standard linear supply which confused me going by the fault description.

Rv!
MM0ANT

At 03/07/2004 13:01, you wrote:

>OK then, your DVM on AC should show the spikes.
>
>Where is there a schematic of the PS-53 so's I can
>look at it?

[Non-text portions of this message have been removed]

# 2316. Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-03 18:06:31 UTC
From: smatda
Topic: 1174  Message: 2316

I just scanned and uploaded to the "Manuals and Schematics" section
for everyone to enjoy.

It's spewing out some pretty hefty RFI....it's causing the speakers
on my computer to tick in sync with the pass transistors! Last night
I tried to destroy the supply...100 W CW, brick on the key into a
dummy load. Everything heated up and the fans kicked in...monitored
the signal on a reciever..sounded normal. Power supply and radio
survived.

I'm tracking the pulses at least from the base of the passes to the
collector of Q4 and maybe farther back into the circuit...although I
wonder if a lot of what I'm seeing is the meter getting nailed by
RFI.

Funny thing though, when I measure the voltage on the base of Q4 the
noise is greatly reduced.

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> OK then, your DVM on AC should show the spikes.
>
> Where is there a schematic of the PS-53 so's I can
> look at it?
>
> thanks
>
> b
>
>
> --- smatda <smatda@y...> wrote:
> > Nope, unfortunately no access to one, either.
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> > <coorsbill@y...>
> > wrote:
> > > Did you say you checked this with a scope?
> > >
> > > b
> > >
> > >
> > > --- smatda <smatda@y...> wrote:
> > > > Didn't work, Bill. I replaced the cap, bolted

> > > > everything back
> > > > together and turned it on...no ticking. Hooked
> > up
> > > > the radio, turned
> > > > it on, and the ticking is now a buzz....kind of
> > akin
> > > > to a flourescent
> > > > ballast gone bad. Also spewing out some pretty
> > > > hefty RFI too...at
> > > > times knocking out some SWBC stations on 40 m.
> > > >
> > > > If I didn't know any better I'd say its the pass
> > > > transistors
> > > > themselves buzzing.
> ...
>
> =====
>
> "If in doubt, MODIFY" --k0zl
>
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# 2317. Re: [TS-850_450_690] Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-04 12:56:12 UTC
From: Bill K0ZL
Topic: 1174  Message: 2317

thanks Steve, great scans!

I will look at the ckt.

Wonder if it's the overvoltage protection? I would
replace D7 outright and see if that's the culprit.

Not much there that would be RFI-ISH...

b

--- smatda <smatda@...> wrote:
> I just scanned and uploaded to the "Manuals and
> Schematics" section
> for everyone to enjoy.
>
> It's spewing out some pretty hefty RFI....it's
> causing the speakers
> on my computer to tick in sync with the pass
> transistors! Last night
> I tried to destroy the supply...100 W CW, brick on
> the key into a
> dummy load. Everything heated up and the fans
> kicked in...monitored
> the signal on a reciever..sounded normal. Power
> supply and radio
> survived.
>
> I'm tracking the pulses at least from the base of
> the passes to the
> collector of Q4 and maybe farther back into the
> circuit...although I
> wonder if a lot of what I'm seeing is the meter
> getting nailed by
> RFI.
>
> Funny thing though, when I measure the voltage on
> the base of Q4 the
> noise is greatly reduced.
>
> Steve, KE4MOB
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
> > OK then, your DVM on AC should show the spikes.

> >
> > Where is there a schematic of the PS-53 so's I can
> > look at it?
> >
> > thanks
> >
> > b
> >
> >
> > --- smatda <smatda@y...> wrote:
> > > Nope, unfortunately no access to one, either.
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> > > <coorsbill@y...>
> > > wrote:
> > > > Did you say you checked this with a scope?
> > > > >
> > > > b
> > > > >
> > > > >
> > > > --- smatda <smatda@y...> wrote:
> > > > > Didn't work, Bill. I replaced the cap,
> bolted
> > > > > everything back
> > > > > together and turned it on...no ticking.
> Hooked
> > > up
> > > > > the radio, turned
> > > > > it on, and the ticking is now a buzz....kind
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> > > > > to a flourescent
> > > > > ballast gone bad. Also spewing out some
> pretty
> > > > > hefty RFI too...at
> > > > > times knocking out some SWBC stations on 40
> m.
> > > > >
> > > > > If I didn't know any better I'd say its the
> pass
> > > > > transistors
> > > > > themselves buzzing.
> > ...
> >
> > =====
> >
> > "If in doubt, MODIFY" --k0zl
> >
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http://promotions.yahoo.com/new_mail

# 2318. Re: [TS-850_450_690] Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-04 12:57:01 UTC
From: Bill K0ZL
Topic: 1174  Message: 2318

Also try unplugging the fan!

b

--- smatda <smatda@...> wrote:
> I just scanned and uploaded to the "Manuals and
> Schematics" section
> for everyone to enjoy.
>
> It's spewing out some pretty hefty RFI....it's
> causing the speakers
> on my computer to tick in sync with the pass
> transistors! Last night
> I tried to destroy the supply...100 W CW, brick on
> the key into a
> dummy load. Everything heated up and the fans
> kicked in...monitored
> the signal on a reciever..sounded normal. Power
> supply and radio
> survived.
>
> I'm tracking the pulses at least from the base of
> the passes to the
> collector of Q4 and maybe farther back into the
> circuit...although I
> wonder if a lot of what I'm seeing is the meter
> getting nailed by
> RFI.
>
> Funny thing though, when I measure the voltage on
> the base of Q4 the
> noise is greatly reduced.
>
> Steve, KE4MOB
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
> > OK then, your DVM on AC should show the spikes.
> >
> > Where is there a schematic of the PS-53 so's I can
> > look at it?
> >
> > thanks
> >

> > b
> >
> >
> > --- smatda <smatda@y...> wrote:
> > > Nope, unfortunately no access to one, either.
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> > > <coorsbill@y...>
> > > wrote:
> > > > Did you say you checked this with a scope?
> > > >
> > > > b
> > > >
> > > >
> > > > --- smatda <smatda@y...> wrote:
> > > > > Didn't work, Bill. I replaced the cap,
> bolted
> > > > > everything back
> > > > > together and turned it on...no ticking.
> Hooked
> > > up
> > > > > the radio, turned
> > > > > it on, and the ticking is now a buzz....kind
> of
> > > akin
> > > > > to a flourescent
> > > > > ballast gone bad. Also spewing out some
> pretty
> > > > > hefty RFI too...at
> > > > > times knocking out some SWBC stations on 40
> m.
> > > > >
> > > > > If I didn't know any better I'd say its the
> pass
> > > > > transistors
> > > > > themselves buzzing.
> > ...
> >
> > =====
> >
> > "If in doubt, MODIFY" --k0zl
> >
> > Need a tech? See our website
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# 2320. Re: Power supply question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-05 15:15:58 UTC
From: smatda
Topic: 1174  Message: 2320

Replaced the D7 zener with an 18V model and unhooked the fan. No luck. I'm going to replace Q2, Q3, Q5, and the bridge next (I have tons of spares) and see where that goes. I'd replace Q4 as well, but don't have a spare for that right now.

steve

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Also try unplugging the fan!
>
> b
>

# 2321. TS-850 Service Manual on eBay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-05 20:05:46 UTC
From: Karl
Topic: 2321  Message: 2321

Hi all
I would just warn you that the service manual offered by
<2003starplayer> on eBay at the moment is only pages 1-115, which
you probably know already can be downloaded for free from mods.dk.
Some people....
Karl LA1CU

# 2322. Re: TS-850 Service Manual on eBay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-05 20:48:57 UTC
From: Max
Topic: 2321  Message: 2322

--- In TS-850_450_690@yahoogroups.com, "Karl" <la1cu@a...> wrote:
> Hi all
> I would just warn you that the service manual offered by
> <2003starplayer> on eBay at the moment is only pages 1-115, which
> you probably know already can be downloaded for free from mods.dk.
> Some people....
> Karl LA1CU

I e-mailed a guy once on eBay who was selling the manual and asked him if it had the board layouts. He said no and I told him you can download what he has for free.

I agree....some people.

# 2323. Re: [TS-850] Filter question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-07 22:34:36 UTC
From: Mike
Topic: 70  Message: 2323

Hi Bill, Could you explain to a dummy what you mean about a hot contest set up in your statement "I don't think you will see any advantage unless you
> change BOTH 455 and 8.8 filters to 2.4. That would be
> a hot contest setup for sure." I have a 850sat on the way ;-)
73 , Mike
--- Bill Leahy KOZL wrote:
> The stock filters on the '850 are crystal filters, i
> believe. When you put both of them in the line (8.8
> and 455 both read "2.7"), you have a bandwidth of 2.4
> already with a better shape factor than you would get
> with the additional 2.4.
>
> If you "gang" a 2.4 with a 2.7, there will be no
> appreciable difference in shape factor than if the 2.4
> was running by itself.
>
> I don't think you will see any advantage unless you
> change BOTH 455 and 8.8 filters to 2.4. That would be
> a hot contest setup for sure.
>
> > b
>

# 2324. Re: [TS-850_450_690] Re: [TS-850] Filter question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-08 02:04:51 UTC
From: Bill K0ZL
Topic: 70  Message: 2324

I meant that there would be a distinct advantage in
using both 2.4 Khz filters in contesting or crowded
band conditions.

b

--- Mike <kd5vhf@...> wrote:
> Hi Bill, Could you explain to a dummy what you mean
> about a hot
> contest set up in your statement "I don't think you
> will see any
> advantage unless you
> > change BOTH 455 and 8.8 filters to 2.4. That
> would be
> > a hot contest setup for sure." I have a 850sat on
> the way ;-)
> 73 , Mike
> --- Bill Leahy K0ZL wrote:
> > The stock filters on the '850 are crystal filters,
> i
> > believe. When you put both of them in the line
> (8.8
> > and 455 both read "2.7"), you have a bandwidth of
> 2.4
> > already with a better shape factor than you would
> get
> > with the additional 2.4.
> >
> > If you "gang" a 2.4 with a 2.7, there will be no
> > appreciable difference in shape factor than if the
> 2.4
> > was running by itself.
> >
> > I don't think you will see any advantage unless
> you
> > change BOTH 455 and 8.8 filters to 2.4. That
> would be
> > a hot contest setup for sure.
> >
> > > b
> >
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2325. Re: [TS-850] Filter question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-08 02:53:29 UTC
From: Mike
Topic: 70  Message: 2325

I should have been more clear. What are the advantages to using two like filters? I assume it has to do with the slope tune? Thanks ,
Mike
--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> I meant that there would be a distinct advantage in
> using both 2.4 Khz filters in contesting or crowded
> band conditions.
>
> b

# 2326. Re: [TS-850_450_690] Re: [TS-850] Filter question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-08 03:58:57 UTC
From: Zack Widup
Topic: 70  Message: 2326

When you get into a contest and have wall-to-wall strong signals calling CQ every 2 kHz and you're trying to work that rare multiplier in between them, you need great filtering.

I have the stock Kenwood 2.7 kHz filters in mine because I don't do much SSB, really, but I have the 500 Hz CW filters. I might give the 400 Hz INRAD filters a try one of these days. It's supposed to be an improvement (expensive but hopefully worth it.)

73, Zack W9SZ

----- Original Message -----
From: "Mike" <kd5vhf@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, July 07, 2004 9:53 PM
Subject: [TS-850_450_690] Re: [TS-850] Filter question

> I should have been more clear. What are the advantages to using two
> like filters? I assume it has to do with the slope tune? Thanks ,
> Mike
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
> wrote:
> > I meant that there would be a distinct advantage in
> > using both 2.4 Khz filters in contesting or crowded
> > band conditions.
> >
> > b

# 2327. Re: [TS-850] Filter question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-08 05:15:53 UTC
From: smatda
Topic: 70  Message: 2327

Two like filters cascaded supposedly behave like a slightly narrower filter. For example, two 500's back to back might behave like, say, a 450.

Look at the shape factor of the two filters...one invariably has much gentler skirts, the other much steeper.

I actually did some on the air comparisons between cascaded and non-cascaded filters a few months back using my 450. Check back in the archives--message 1807.

I didn't think it mattered that much. But the two 500's really make a difference on a crowded CW band.

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "Mike" <kd5vhf@h...> wrote:
> I should have been more clear. What are the advantages to using two
> like filters? I assume it has to do with the slope tune? Thanks ,
>
Mike

# 2328. Re: [TS-850_450_690] Re: [TS-850] Filter question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-08 12:30:41 UTC
From: Bill K0ZL
Topic: 70  Message: 2328

Yes, the slope tuning will work more "symmetrically";
that is, the controls will seem to have equal effect
from one side to the other. Also when the slope tuning
is opened all the way, the increased effective shape
factor from using two filters of the same bandwidth
and shape factor will come into play.

putting two filters of the same bandwidth and shape
factor in line, even at two different IF frequencies,
cause a synergistic effect in which the passband
slopes get noticeably steeper than with one filter
alone.

bill

--- Mike <kd5vhf@...> wrote:
> I should have been more clear. What are the
> advantages to using two
> like filters? I assume it has to do with the slope
> tune? Thanks ,
> Mike
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
> > I meant that there would be a distinct advantage
> in
> > using both 2.4 Khz filters in contesting or
> crowded
> > band conditions.
> >
> > b
>
>
>

=====

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# 2329. Re: [TS-850_450_690] Re: [TS-850] Filter question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-08 12:33:21 UTC
From: Bill K0ZL
Topic: 70  Message: 2329

Zack,

I have heard the 400's in both the 850 and 870 and
they are incredible. Much sharper than the 500's, even
when used singly.

You may however consider getting the YK88CN-1 and
yg455c-1, which are Kenwood's offerings. These are 270
hz filters and will give you a true keyhole slot for
those tough CW situations. Inrad's 250's are probably
the ultimate however.

b

--- Zack Widup <w9sz@...> wrote:
> When you get into a contest and have wall-to-wall
> strong signals calling CQ
> every 2 kHz and you're trying to work that rare
> multiplier in between them,
> you need great filtering.
>
> I have the stock Kenwood 2.7 kHz filters in mine
> because I don't do much
> SSB, really, but I have the 500 Hz CW filters. I
> might give the 400 Hz
> INRAD filters a try one of these days. It's
> supposed to be an improvement
> (expensive but hopefully worth it.)
>
> 73, Zack W9SZ
>
>
> ----- Original Message -----
> From: "Mike" <kd5vhf@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Wednesday, July 07, 2004 9:53 PM
> Subject: [TS-850_450_690] Re: [TS-850] Filter
> question
>
>
> > I should have been more clear. What are the
> advantages to using two
> > like filters? I assume it has to do with the slope
> tune? Thanks ,
> > Mike
> > --- In TS-850_450_690@yahoogroups.com, Bill K0ZL

> <coorsbill@y...>
> > wrote:
> > > I meant that there would be a distinct advantage
> in
> > > using both 2.4 Khz filters in contesting or
> crowded
> > > band conditions.
> > >
> > > b
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2330. Re: [TS-850_450_690] Re: [TS-850] Filter question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-08 21:44:26 UTC
From: Gerald Dentremont
Topic: 70  Message: 2330

Bill & Zack,

I put the INRAD 400 Hz in both IF's in my 850 as well as the 250 in the 2nd CW slot after installing the same in my Omni V. I don't recall what the exact specification difference was between the Kenwood factory filters and the INRAD'S, but remember distinctly that there was a fair bit less insertion loss as well as steeper slopes on the selectivity curves in comparison to the Ten-Tec factory filters. No affiliation with INRAD other than as a satisfied customer!

73, Gerald W5BA

Bill K0ZL <coorsbill@...> wrote:
Zack,

I have heard the 400's in both the 850 and 870 and
they are incredible. Much sharper than the 500's, even
when used singly.

You may however consider getting the YK88CN-1 and
yg455c-1, which are Kenwood's offerings. These are 270
hz filters and will give you a true keyhole slot for
those tough CW situations. Inrad's 250's are probably
the ultimate however.

b

--- Zack Widup <w9sz@...> wrote:
> When you get into a contest and have wall-to-wall
> strong signals calling CQ
> every 2 kHz and you're trying to work that rare
> multiplier in between them,
> you need great filtering.
>
> I have the stock Kenwood 2.7 kHz filters in mine
> because I don't do much
> SSB, really, but I have the 500 Hz CW filters. I
> might give the 400 Hz
> INRAD filters a try one of these days. It's
> supposed to be an improvement
> (expensive but hopefully worth it.)
>
> 73, Zack W9SZ
>
>
> ----- Original Message -----
> From: "Mike" <kd5vhf@...>
> To: <TS-850_450_690@yahoogroups.com>

> Sent: Wednesday, July 07, 2004 9:53 PM
> Subject: [TS-850_450_690] Re: [TS-850] Filter
> question
>
>
> > I should have been more clear. What are the
> advantages to using two
> > like filters? I assume it has to do with the slope
> tune? Thanks ,
> > Mike
> > --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> > wrote:
> > > I meant that there would be a distinct advantage
> in
> > > using both 2.4 Khz filters in contesting or
> crowded
> > > band conditions.
> > >
> > > b
>
>
>

=====

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[Non-text portions of this message have been removed]

# 2331. Re: [TS-850] Filter question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-09 02:21:53 UTC
From: Mike
Topic: 70  Message: 2331

Thanks everyone. The way it sounds a pair of Inrad 2.8's may be just what I'm looking for. Wide enough for nice RX audio and still be able to pull one out of the QRM with the slope when needed. I'm chomping at the bit to get the 850 in and do a side by side comparison to my FT-990. Who Knows, Maybe one day I'll pass element 1 and be able to TX. 73 , Mike

# 2332. Re: [TS-850] Filter question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-09 02:27:58 UTC
From: Max
Topic: 70  Message: 2332

--- In TS-850_450_690@yahoogroups.com, "Mike" <kd5vhf@h...> wrote:
> Thanks everyone. The way it sounds a pair of Inrad 2.8's may be just
> what I'm looking for. Wide enough for nice RX audio and still be
> able to pull one out of the QRM with the slope when needed. I'm
> chomping at the bit to get the 850 in and do a side by side
> comparison to my FT-990. Who Knows, Maybe one day I'll pass element
> 1 and be able to TX. 73 , Mike

Mike,

I'd pass on the 2.8's and go for the 3.0 khz filter from a TS930.
I'll save you some money. I dropped one into a TS570 a while back and
the difference was nothing short of amazing.

Max

# 2333. Re: [TS-850] Filter question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-09 03:28:57 UTC
From: Mike
Topic: 70  Message: 2333

Thanks Max. I think I'll play with the stock filters for a while. I think the combo is around 2.7 and see what it's like. For "fuller" audio,The 2.4 on the FT-990 isn't bad especialy with a Kenwood 100W amp/7 band EQ combo into a couple of stage monitor speakers. Who needs earphones? Hi
73 ,Mike
--- "Max" wrote:
> > I'd pass on the 2.8's and go for the 3.0 khz filter from a TS930.
> I'll save you some money. I dropped one into a TS570 a while back and
> the difference was nothing short of amazing.
>
> Max

# 2334. Re: [TS-850] Filter question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-09 10:49:56 UTC
From: Max
Topic: 70  Message: 2334

--- In TS-850_450_690@yahoogroups.com, "Mike" <kd5vhf@h...> wrote:
> Thanks Max. I think I'll play with the stock filters for a while. I
> think the combo is around 2.7 and see what it's like. For "fuller"
> audio,The 2.4 on the FT-990 isn't bad especialy with a Kenwood 100W
> amp/7 band EQ combo into a couple of stage monitor speakers. Who
> needs earphones? Hi
> 73 ,Mike

I only have the stock filters in mine Mike, had a 2.1 in the 455 IF
but sold it. Found it too narrow. You can see the speaker I use
(partially hidden behind my mike boom) in the members photos section.
It is a Sony speaker I actually found one day last winter laying
outside next to a dumpster. Took it home and cleaned it up and it
sounds just great. I would like to try the INRAD 4 khz AM filter but I
think I am going to drop a DSP unit in the 850 first. During Field
Day this year, we were listening to some AM'ers on 3885 and the low
end and the 850 sounded very nice. I have done the broadband audio
mod to mine which extends the low end down to about 20 hz or so. It
was the first time I had the 850 on a real antenna, a 14 element log
periodic at 60'. Don't think an antenna like that would fly around
here though!

73,
Max

# 2335. new radio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-14 09:44:05 UTC
From: Sarge
Topic: 2335  Message: 2335

Could not find a really nice 850 for a good deal. Got me a new TS570S/G. Just started playing with it and I really like it. Love that slope tuning and the equalizer effects. Still think my 450 had better ears on it though.
Now I need a good 6 meter antenna. Anyone know anything about that PAR OA-50?

[Non-text portions of this message have been removed]

# 2336. Re: new radio

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-14 10:40:53 UTC
From: Max
Topic: 2335  Message: 2336

--- In TS-850_450_690@yahoogroups.com, "Sarge" <sarge43@e...> wrote:
> Could not find a really nice 850 for a good deal. Got me a new TS570S/G. Just started playing with it and I really like it. Love that slope tuning and the equalizer effects. Still think my 450 had better ears on it though.
> Now I need a good 6 meter antenna. Anyone know anything about that PAR OA-50?

Never used one, but all the PAR antennas are getting very good reviews on eHam. Next time you are looking for an 850 try the www.qth.com swap listings. There are two 850's and there right now.

Max

# 2337. Knob removal of ts-450/mc-60 element change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-14 11:30:12 UTC
From: hahollme
Topic: 2337  Message: 2337

Hi!

I was thinking cleaning the knobs of my ts-450. Should I pull the "silver" inner rings first or vice versa?

I'm also thinking about changing the mic element of my mc-60 to heil HC-4. The only problem is opening the mic up. The threads of the windscreen seem to be glued, so is the area of silver sticker the right area to heat? Any other tips?

Best,
Hannu,
OH1HAQ

# 2338. Re: [TS-850_450_690] Knob removal of ts-450/mc-60 element change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-14 13:39:31 UTC
From: Bill K0ZL
Topic: 2337  Message: 2338

Smaller, inner knobs come off first, then the silver
outer rings.

Soft toothbrush and mild soapy water work well.

The Heil HC-SERIES elements are not shipping; they
just have enough to satisfy internal production. Not
sure when this is going to change.

Your dealer may have some back stock.

Also Ebay is a source if anyone decides to sell.

bill

--- hahollme <hannu.hollmen@...> wrote:
> Hi!
>
> I was thinking cleaning the knobs of my ts-450.
> Should I pull the "silver" inner rings first or vice
> versa?
>
> I'm also thinking about changing the mic element of
> my mc-60 to heil HC-4. The only problem is opening
> the mic up. The threads of the windscreen seem to be
> glued, so is the area of silver sticker the right
> area to heat? Any other tips?
>
> Best,
> Hannu,
> OH1HAQ
>
>

=====

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# 2339. Re: Knob removal of ts-450/mc-60 element change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-14 13:46:33 UTC
From: hahollme
Topic: 2337  Message: 2339

> The Heil HC-SERIES elements are not shipping; they

Luckily I have the element already...

>
> > I'm also thinking about changing the mic element of
> > my mc-60 to heil HC-4. The only problem is opening
> > the mic up. The threads of the windscreen seem to be
> > glued, so is the area of silver sticker the right
> > area to heat? Any other tips?
> >

# 2340. Re: [TS-850_450_690] Re: Knob removal of ts-450/mc-60 element change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-14 17:25:11 UTC
From: Bill K0ZL
Topic: 2337  Message: 2340

OK use gentle heat from hair dryer on LOW, that should
soften the adhesive on the chrome grill part.

b

--- hahollme <hannu.hollmen@...> wrote:
>
> > The Heil HC-SERIES elements are not shipping; they
>
> Luckily I have the element already...
>
>
> >
> > > I'm also thinking about changing the mic element
> of
> > > my mc-60 to heil HC-4. The only problem is
> opening
> > > the mic up. The threads of the windscreen seem
> to be
> > > glued, so is the area of silver sticker the
> right
> > > area to heat? Any other tips?
> > >
>
>
>

=====

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# 2341. Re: Knob removal of ts-450/mc-60 element change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-14 17:39:59 UTC
From: Max
Topic: 2337  Message: 2341

--- In TS-850_450_690@yahoogroups.com, "hahollme"
<hannu.hollmen@k...> wrote:

> I'm also thinking about changing the mic element of my mc-60 to
heil HC-4. The only problem is opening the mic up. The threads of the
windscreen seem to be glued, so is the area of silver sticker the
right area to heat? Any other tips?
>
> Best,
> Hannu,
> OH1HAQ

Hannu,

Go to the Heil site

http://www.heilsound.com/heilsketch4keyelements.htm

All the directions for retrofitting your MC-60 mike are there.
Good luck!

Max

# 2342. MC-60 head removal

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-14 23:34:56 UTC
From: Joe Moraine
Topic: 2342  Message: 2342

From: "hahollme" <hannu.hollmen@...>
Subject: Knob removal of ts-450/mc-60 element change

Hi!

I was thinking cleaning the knobs of my ts-450. Should I pull the "silver" inner rings first or vice versa?

I'm also thinking about changing the mic element of my mc-60 to heil HC-4. The only problem is opening the mic up. The threads of the windscreen seem to be glued, so is the area of silver sticker the right area to heat? Any other tips?

Heat up the head with a hair dryer....get it plenty hot and the head will unscrew when the glue they use gets loosened up...it works every time.
Joe, W5LX

[Non-text portions of this message have been removed]

# 2343. Re: IC 232C

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-15 14:29:30 UTC
From: Donald Ruokonen
Topic: 2085  Message: 2343

If you need the manual for the IC 232C, e mail me at
druokonen@....

--- In TS-850_450_690@yahoogroups.com, <ac7nj@d...> wrote:
> I received the IC-232C converter for my TS-850S but it didn't
have: a
> manual; a power cord; or a radio cord.
>
> If I could find the polarity of the power plug (I can make a cord)
>
> If I knew the description or source for the radio plug in the back
of
> the IC-232 and the ACC 1 (I could make that cord too)
>
>
>
> Randy Williamson AC7NJ
>
> 129 F Street Southeast
>
> Ephrata, Washington 98823-1914
>
> (509)754-2990
>
>
>
>
>
>
>
>
>
>
> [Non-text portions of this message have been removed]

# 2344. Re: IC 232C

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-15 20:29:51 UTC
From: ac742a
Topic: 2085  Message: 2344

There is a copy of the manual in the file area of this group.

Greg/VE3YTZ

--- In TS-850_450_690@yahoogroups.com, "Donald Ruokonen"
<druokonen@h...> wrote:
> If you need the manual for the IC 232C, e mail me at
> druokonen@h...
>
>
> --- In TS-850_450_690@yahoogroups.com, <ac7nj@d...> wrote:
> > I received the IC-232C converter for my TS-850S but it didn't
> have: a
> > manual; a power cord; or a radio cord.
> >
> > If I could find the polarity of the power plug (I can make a cord)
> >
> > If I knew the description or source for the radio plug in the
back
> of
> > the IC-232 and the ACC 1 (I could make that cord too)
> >
> >
> >
> > Randy Williamson AC7NJ
> >
> > 129 F Street Southeast
> >
> > Ephrata, Washington 98823-1914
> >
> > (509)754-2990

# 2345. Anyone installed moni-module to ts-450 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-16 16:34:32 UTC
From: hahollme
Topic: 2345  Message: 2345

Anyone installed moni-module to ts-450 ? Your help is needed as I'm unclear with some of the connections (I have the instuction sheet )

For anyone insterested:
http://www.qth.com/irsd/mods-upgrades.html#moni

Best,
Hannu,
OH1HAQ

# 2346. Re: Anyone installed moni-module to ts-450 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-16 19:53:45 UTC
From: Max
Topic: 2345  Message: 2346

--- In TS-850_450_690@yahoogroups.com, "hahollme"
<hannu.hollmen@k...> wrote:
> Anyone installed moni-module to ts-450 ? Your help is needed as I'm
unclear with some of the connections (I have the instuction sheet )
>
> For anyone insterested:
> http://www.qth.com/irsd/mods-upgrades.html#moni
>
> Best,
> Hannu,
> OH1HAQ

I had looked at these when I had my TS570. It has an audio
monitoring circuit but no real transmit audio monitor as in the
TS850. What problems are you having? I would be curious to see the
instruction sheet. Did they provide a schematic with it? Perhaps you
could scan it in for us.

Max

# 2347. Audio gear for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-19 00:35:46 UTC
From: Max
Topic: 2347  Message: 2347

I have the following for sale:

Apex 435 studio condensor mic
ART Tube MP mic preamp
Behringer PEQ2200 5 band parametric EQ

All cabling and power supplies included, the gear is all in as new condition. Currently hooked up to my 850, sounds really nice, just not being used.

Would like to get $200 US for the whole lot.

Thanks,

Max

One note...this gear is NOT designed to be fed into the rigs front panel mic jack. You will overload the mic amp stage of the radio. Best to feed the balanced modulator directly. You can get some really sweet sounding audio with this gear.

# 2348. Re: [TS-850_450_690] Audio gear for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-19 12:22:22 UTC
From: Bill K0ZL
Topic: 2347  Message: 2348

RE BM feed: Real easy to do, see Tyler KA0KA site:

http://www.ssb-audio.com/ka0ka/

for details. Requires about 150 mV or so (p-p) and 7.5
Kohm impedance, single-ended.

Some RF filtering may also be required at the input to
the rig.

You can still use the mic input as normal, as long as
you use the 7.5K resistor to isolate the BM input from
the rest of the world.

bill K0ZL

--- Max <ve3tmt@...> wrote:
> I have the following for sale:
>
> Apex 435 studio condensor mic
> ART Tube MP mic preamp
> Behringer PEQ2200 5 band parametric EQ
>
> All cabling and power supplies included, the gear is
> all in as new
> condition. Currently hooked up to my 850, sounds
> really nice, just
> not being used.
>
> Would like to get $200 US for the whole lot.
>
> Thanks,
>
> Max
>
> One note...this gear is NOT designed to be fed into
> the rigs front
> panel mic jack. You will overload the mic amp stage
> of the radio.
> Best to feed the balanced modulator directly. You
> can get some really
> sweet sounding audio with this gear.
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2349. ts-450 atu got stuck

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-20 16:15:10 UTC
From: hahollme
Topic: 2349  Message: 2349

Hi!

Today my ts-450 auto tuner got stuck. I tried with both dummy load and antenna with same results. ATU tries to match but it kind of goes into a loop. This has the original memory battery. (still working though...) Could this be the culprit or is the ATU gone? :((

Best,
Hannu,
OH1HAQ

# 2350. ts-450 atu follow-up

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-20 17:38:41 UTC
From: hahollme
Topic: 2350  Message: 2350

Hi!

Now the thing went totally dead. I was testing the atu and it worked fine, when in the middle of a trasmission the display whent all dots. Few seconds later radio quit (the 25 amp fuse was blown from the PS) After changing the fuse, rx is fine, but there is no power or ALC anywhere. I'm not sure, but it might be resetting itself sometimes to 14.000, so it seems the back up battery is low.

What is going on? Don't tell me the finals are toasted :(((((((

Best,
Hannu,
OH1HAQ

# 2351. Re: [TS-850_450_690] ts-450 atu got stuck

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-20 18:23:58 UTC
From: Bill K0ZL
Topic: 2349  Message: 2351

Most likely one of the inductor-select relays in the
AT unit is stuck closed on one band.

Give the AT unit a sharp rap with the end of a plastic
screwdriver handle from no more than about 60mm away;
if that doesn't free it, you will need to take the AT
unit out.

b

--- hahollme <hannu.hollmen@...> wrote:
> Hi!
>
> Today my ts-450 auto tuner got stuck. I tried with
> both dummy load and antenna with same results. ATU
> tries to match but it kind of goes into a loop. This
> has the original memory battery. (still working
> though...) Could this be the culprit or is the ATU
> gone? :((
>
> Best,
> Hannu,
> OH1HAQ
>
>

=====

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# 2352. rec for new pc? off topic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-21 11:37:37 UTC
From: Phono-Guy
Topic: 2352  Message: 2352

Hi all ...
I know this is off topic, but maybe someone here can
lead me in the right direction.
After many years of using my 166mhz P1 computer, I am
about to purchase a new pc. Any reccomendations for
a brand/type of pc that doesn't spew alot of rf out?

73,
Clint
WS1V

_____
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# 2353. Re: [TS-850_450_690] rec for new pc? off topic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-21 12:35:32 UTC
From: Bill K0ZL
Topic: 2352  Message: 2353

The PC is not the problem, usually (although a cheap power supply can be an issue)... the monitor is the main emitter of RFI followed by switch-mode power supplies used on peripherals.

Are you going to build it yourself, order a "big box" from a major retailer, or buy one "to spec" from one of the PC builders out there?

I recommend the latter case; that way you can get JUST the software installed that you want (WinXP Home and Office 2003 would be my recommendation). If someone in your home is a student, you can sometimes get a student discount on Windows and Office just by giving them the info off their student ID card. Or, enroll in local CC for some computer classes!)

Don't know your budget but a 17" LCD screen may be the way to go.

I am using a 19" conventional CRT and it is very quiet compared to my last one. I will try and get you the make and model number when I get back to the shop tonight.

73,

Bill

--- Phono-Guy <taephono@...> wrote:
> Hi all ...
> I know this is off topic, but maybe someone here can
> lead me in the right direction.
> After many years of using my 166mhz P1 computer, I
> am
> about to purchase a new pc. Any reccomendations for
> a brand/type of pc that doesn't spew alot of rf out?
>
> 73,
> Clint
> WS1V
>
>
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"If in doubt, MODIFY" --k0zl

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# 2354. Re: rec for new pc? off topic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-22 00:16:43 UTC
From: ksm91011
Topic: 2352  Message: 2354

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> > Hi all ...
> > I know this is off topic, but maybe someone here can
> > lead me in the right direction.
> > After many years of using my 166mhz P1 computer, I
> > am
> > about to purchase a new pc. Any reccomendations for
> > a brand/type of pc that doesn't spew alot of rf out?
> >
> > 73,
> > Clint
> > WS1V

I recently got a new Dell diminsion 4600 with a 17" LCD
screen. This is much better than my older 200Mhz Pentium
with a 17" CRT. In both cases the noise increases with
the proportion of white on the screen. New new computer
works well with both my TS-690 and my FT-817.

Ken KD6CMO

# 2355. Re: rec for new pc? off topic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-22 17:35:26 UTC
From: Phono-Guy
Topic: 2352  Message: 2355

> Message: 1
> Date: Thu, 22 Jul 2004 00:16:43 -0000
> From: "ksm91011" <ksm@...>
> Subject: Re: rec for new pc? off topic
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
> > > Hi all ...
> > > I know this is off topic, but maybe someone here
> can
> > > lead me in the right direction.
> > > After many years of using my 166mhz P1 computer,
> I
> > > am
> > > about to purchase a new pc. Any reccomendations
> for
> > > a brand/type of pc that doesn't spew alot of rf
> out?
> > >
> > > 73,
> > > Clint
> > > WS1V
>
> I recently got a new Dell diminsion 4600 with a 17"
> LCD
> screen. This is much better than my older 200Mhz
> Pentium
> with a 17" CRT. In both cases the noise increases
> with
> the proportion of white on the screen. New new
> computer
> works well with both my TS-690 and my FT-817.
>
> Ken KD6CMO
>
>

Ken,
thanks for this info ... I was considering a DELL
since my 6 year old pc is a DELL ... so this info is
good to know.

Cheers,
Clint

WS1V

---
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# 2356. TS-450S Problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-24 16:18:30 UTC
From: Roland AH6RR
Topic: 2356  Message: 2356

Aloha All,
I just bought a 450 on ebay that was described as working at factory specs. Well when I got it and hooked it up to my dummy load to test it had static crashes to S7-9 on all bands and it started with 90 watts out on ssb and 100 on cw but after a couple of test transmissions the ssb power would drop to 20-25 watts pep and the alc would drop to nothing. Letting the rig cool the power would come back up but it would drop in a couple of minutes the tx audio is soft and say if on 20 meters usb tune i a station and switch to lsb you hear them the same as usb just a little softer. Local stations that are normally 20 over 9 are S5-6 and the static is still in there Like my 830 when the band switch was going out and arcing. I let the person I bought it from know and he was shocked but said send the radio back and after he checked it out would refund my money. Has anyone had this problem with the 450? I am planning on buying a 850 to replace my 830 and a 450 to replace my 430 any help will do.
Thanks all
Roland AH6RR

# 2357. Re: [TS-850_450_690] TS-450S Problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-27 02:14:45 UTC
From: Bill K0ZL
Topic: 2356  Message: 2357

Could be bad DDS chip or bad solder joint in the PLL
section.

b

--- Roland AH6RR <Toesonnose@...> wrote:
> Aloha All,
> I just bought a 450 on ebay that was described as
> working at factory
> specs. Well when I got it and hooked it up to my
> dummy load to test it
> had static crashes to S7-9 on all bands and it
> started with 90 watts
> out on ssb and 100 on cw but after a couple of test
> transmissions the
> ssb power would drop to 20-25 watts pep and the alc
> would drop to
> nothing. Letting the rig cool the power would come
> back up but it would
> drop in a couple of minutes the tx audio is soft and
> say if on 20 meters
> usb tune i a station and switch to lsb you hear them
> the same as usb
> just a little softer. Local stations that are
> normally 20 over 9 are
> S5-6 and the static is still in there Like my 830
> when the band switch
> was going out and arcing. I let the person I bought
> it from know and he
> was shocked but said send the radio back and after
> he checked it out
> would refund my money. Has anyone had this problem
> with the 450? I am
> planning on buying a 850 to replace my 830 and a 450
> to replace my 430
> any help will do.
> Thanks all
> Roland AH6RR
>
>

=====

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# 2358. Re: TS-450S Problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-27 02:35:05 UTC
From: ah6rr1
Topic: 2356  Message: 2358

Thanks for the info Bill. I have sent the radio back and one of the reasons I bought it was it had "New DDS Chips installed". As far as looks go the radio was in excellent shape but with the problems I was not paying that much for a broke radio.
Thanks again Aloha and 73
Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Could be bad DDS chip or bad solder joint in the PLL
> section.
>
> b
>
> --- Roland AH6RR <Toesonnose@h...> wrote:
> > Aloha All,
> > I just bought a 450 on ebay that was described as
> > working at factory
> > specs. Well when I got it and hooked it up to my
> > dummy load to test it
> > had static crashes to S7-9 on all bands and it
> > started with 90 watts
> > out on ssb and 100 on cw but after a couple of test
> > transmissions the
> > ssb power would drop to 20-25 watts pep and the alc
> > would drop to
> > nothing. Letting the rig cool the power would come
> > back up but it would
> > drop in a couple of minutes the tx audio is soft and
> > say if on 20 meters
> > usb tune i a station and switch to lsb you hear them
> > the same as usb
> > just a little softer. Local stations that are
> > normally 20 over 9 are
> > S5-6 and the static is still in there Like my 830
> > when the band switch
> > was going out and arcing. I let the person I bought
> > it from know and he
> > was shocked but said send the radio back and after
> > he checked it out
> > would refund my money. Has anyone had this problem
> > with the 450? I am
> > planning on buying a 850 to replace my 830 and a 450
> > to replace my 430
> > any help will do.

> > Thanks all
> > Roland AH6RR
> >
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> =====
>
> "If in doubt, MODIFY" --k0zl
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# 2359. Re: [TS-850_450_690] Re: TS-450S Problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-27 22:42:10 UTC
From: Bill K0ZL
Topic: 2356  Message: 2359

Don't blame you.

73 and good luck on another rig

b

--- ah6rr1 <Toesonnose@...> wrote:

>
> Thanks for the info Bill. I have sent the radio back
> and one of the
> reasons I bought it was it had "New DDS Chips
> installed". As far as
> looks go the radio was in excellent shape but with
> the problems I
> was not paying that much for a broke radio.
> Thanks again Aloha and 73
> Roland AH6RR
>
>
>
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
> > Could be bad DDS chip or bad solder joint in the
> PLL
> > section.
> >
> > b
> >
> > --- Roland AH6RR <Toesonnose@h...> wrote:
> > > Aloha All,
> > > I just bought a 450 on ebay that was described
> as
> > > working at factory
> > > specs. Well when I got it and hooked it up to my
> > > dummy load to test it
> > > had static crashes to S7-9 on all bands and it
> > > started with 90 watts
> > > out on ssb and 100 on cw but after a couple of
> test
> > > transmissions the

> > > ssb power would drop to 20-25 watts pep and the
> alc
> > > would drop to
> > > nothing. Letting the rig cool the power would
> come
> > > back up but it would
> > > drop in a couple of minutes the tx audio is soft
> and
> > > say if on 20 meters
> > > usb tune i a station and switch to lsb you hear
> them
> > > the same as usb
> > > just a little softer. Local stations that are
> > > normally 20 over 9 are
> > > S5-6 and the static is still in there Like my
> 830
> > > when the band switch
> > > was going out and arcing. I let the person I
> bought
> > > it from know and he
> > > was shocked but said send the radio back and
> after
> > > he checked it out
> > > would refund my money. Has anyone had this
> problem
> > > with the 450? I am
> > > planning on buying a 850 to replace my 830 and a
> 450
> > > to replace my 430
> > > any help will do.
> > > Thanks all
> > > Roland AH6RR
> > >
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> > =====
> >
> > "If in doubt, MODIFY" --k0zl
> >
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# 2360. Upgrade

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-28 00:49:08 UTC
From: k0ndn@aol.com
Topic: 2360  Message: 2360

I currently run a TS-140s and am looking to up-grade. I can't afford one of the new models but realy am a Kenwood fan. My primary use is SSB and my question is: What recomedations for the best bang for the buck for good recieve on SSB and Xmit quality...I already have an automatic tuner so don't need that option.
Tnx for any help you can give.
73
k0ndn

[Non-text portions of this message have been removed]

# 2361. Re: Upgrade

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-28 01:19:18 UTC
From: Max
Topic: 2360  Message: 2361

--- In TS-850_450_690@yahoogroups.com, k0ndn@a... wrote:
> I currently run a TS-140s and am looking to up-grade. I can't
afford one of
> the new models but realy am a Kenwood fan. My primary use is SSB
and my
> question is: What recomedations for the best bang for the buck
for good recieve
> on SSB and Xmit quality...I already have an automatic tuner so
don't need
> that option.
> Tnx for any help you can give.
> 73
> k0ndn

You didn't mention how much you have available to spend on your upgrade. For $500-$600 you could pick up a good TS450. For a couple of hundred more you can pick up an 850, which is probably one of the best all around HF rigs ever made. Known the world over for their fantastic transmit audio and excellent receiver. For about the same price you can pick up a fairly new TS570 series. I have owned all three and am currently on my 3rd 850. Should be a pretty good clue. Do a search on http://swap.qth.com/ and see what's available.

Good luck,

Max

# 2362. Re: [TS-850_450_690] Re: Upgrade

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-28 01:49:08 UTC
From: bill carver
Topic: 2360  Message: 2362

well i have a ts-440 kenwood that i use untill i got to use a ts-850 wow save your money up and get one they are a very tough rig. burghardt radios sells them for 799 plus if you whant to chip in 75 dollars you can get that radio with a one year warrenty just like a new rig if you are in the market for a good dx machine buy one sign kc0njd

Max <ve3tmt@...> wrote:--- In TS-850_450_690@yahoogroups.com, k0ndn@a... wrote:
> I currently run a TS-140s and am looking to up-grade. I can't
afford one of
> the new models but realy am a Kenwood fan. My primary use is SSB
and my
> question is: What recomedations for the best bang for the buck
for good recieve
> on SSB and Xmit quality...I already have an automatic tuner so
don't need
> that option.
> Tnx for any help you can give.
> 73
> k0ndn

You didn't mention how much you have available to spend on your upgrade. For $500-$600 you could pick up a good TS450. For a couple of hundred more you can pick up an 850, which is probably one of the best all around HF rigs ever made. Known the world over for their fantastic transmit audio and excellent receiver. For about the same price you can pick up a fairly new TS570 series. I have owned all three and am currently on my 3rd 850. Should be a pretty good clue. Do a search on http://swap.qth.com/ and see what's available.

Good luck,

Max

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[Non-text portions of this message have been removed]

# 2363. Re: Upgrade

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-28 03:16:22 UTC
From: Mike
Topic: 2360  Message: 2363

I will agree with the others on the 850. I just "up-graded" from a Yeasu FT-990. The 990 seemed to be just a hair quieter on RX than the 850 but the slope tuning on the 850 is WONDERFUL! I had a chance to use a new Tentec Orion last field day,really liked it and was trying to figure out a way to save 3K for one myself. After getting the 850 I have NO DESIRE for the Orion anymore. Now back to study for element 1 so I can TX. 73 ,
Mike
--- In TS-850_450_690@yahoogroups.com, k0ndn@a... wrote:
> I currently run a TS-140s and am looking to up-grade.

# 2364. Re: [TS-850_450_690] Re: Upgrade

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-28 12:22:52 UTC
From: Zack Widup
Topic: 2360  Message: 2364

I'll agree with that. I've used a lot of rigs - the FT-990, FT-1000MP, TS-2000, IC-781, etc. They have some "bells and whistles" that are nice, but the all-around performance and ease of operation make the TS-850 my favorite rig. It's a great rig for contesting. It's a great rig for SWL'ing outside the ham bands, too.

The only thing I would change on it would be to add RCA jacks for audio input/output such as the TS-440 has, for use with a computer for the new digital modes. But that's just a minor inconvenience if you have the proper connector and can solder.

73, Zack W9SZ

On Wed, 28 Jul 2004, Mike wrote:

> I will agree with the others on the 850. I just "up-graded" from a
> Yeasu FT-990. The 990 seemed to be just a hair quieter on RX than
> the 850 but the slope tuning on the 850 is WONDERFUL! I had a chance
> to use a new Tentec Orion last field day,really liked it and was
> trying to figure out a way to save 3K for one myself. After getting
> the 850 I have NO DESIRE for the Orion anymore. Now back to study
> for element 1 so I can TX. 73 ,
> Mike

# 2365. Re: [TS-850_450_690] Upgrade

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-28 12:45:15 UTC
From: Bill K0ZL
Topic: 2360  Message: 2365

If you can find a TS-850 without a tuner, these are very very reasonable. Also the TS-430S gives a great deal of bang for the used-gear dollar and they have very few problems, as long as it's non-smoker's rig.

b

--- k0ndn@... wrote:

> I currently run a TS-140s and am looking to
> up-grade. I can't afford one of
> the new models but realy am a Kenwood fan. My
> primary use is SSB and my
> question is: What recomedations for the best bang
> for the buck for good recieve
> on SSB and Xmit quality...I already have an
> automatic tuner so don't need
> that option.
> Tnx for any help you can give.
> 73
> k0ndn
>
>
> [Non-text portions of this message have been
> removed]
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# 2366. Re: [TS-850_450_690] Upgrade

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-29 04:05:46 UTC
From: k0ndn@aol.com
Topic: 2360  Message: 2366

Thanks guys and gals.... Looks like I need to save for a TS-850.. Sounds like the rig I need as I get more envolved in retirement...hi hi

again tnx for the info... all seemed to be in agreement.. That does it for me...

73
K0ndn

[Non-text portions of this message have been removed]

# 2367. Re: Upgrade

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-29 04:25:21 UTC
From: Max
Topic: 2360  Message: 2367

--- In TS-850_450_690@yahoogroups.com, k0ndn@a... wrote:
> Thanks guys and gals.... Looks like I need to save for a TS-850..
Sounds
> like the rig I need as I get more envolved in retirement...hi hi
>
> again tnx for the info... all seemed to be in agreement.. That does
it for
> me...

I did a poll a while back asking which radio our members were using.
65% responded with the 850! It is a very reliable radio, easy to work
on should any problems arise, and the audio is amazing.

Max

# 2368. New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-29 11:23:51 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 424  Message: 2368

Enter your vote today! A new poll has been created for the
TS-850_450_690 group:

This poll was originally ran January of
this year. Our membership has increased
dramitically since then so I thought I'd
ask it again. What model of Kenwood are
you currently using? I'll close the poll
in one week. Please vote!

o TS850S
o TS450S
o TS690S
o TS950S
o None of the above

To vote, please visit the following web page:
http://groups.yahoo.com/group/TS-850_450_690/surveys?id=11836867

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

# 2369. Re: [TS-850_450_690] New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-29 12:31:40 UTC
From: Leon
Topic: 424  Message: 2369

TS850 (for all my life)

IZØEHO
http://it.geocities.com/iz0eho

----- Original Message -----
From: TS-850_450_690@yahoogroups.com
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, July 29, 2004 1:23 PM
Subject: [TS-850_450_690] New poll for TS-850_450_690

Enter your vote today! A new poll has been created for the
TS-850_450_690 group:

This poll was originally ran January of
this year. Our membership has increased
dramitically since then so I thought I'd
ask it again. What model of Kenwood are
you currently using? I'll close the poll
in one week. Please vote!

o TS850S
o TS450S
o TS690S
o TS950S
o None of the above

To vote, please visit the following web page:
http://groups.yahoo.com/group/TS-850_450_690/surveys?id=11836867

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

THANKS FOR USING TS-850_450_690@...

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---

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2370. Re: New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-29 15:22:19 UTC
From: Max
Topic: 424  Message: 2370

--- In TS-850_450_690@yahoogroups.com, "Leon" <leon2000@i...> wrote:
> TS850 (for all my life)
>
> IZØEHO

I hope you voted!

# 2371. Re: [TS-850_450_690] New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-29 16:12:37 UTC
From: n7ioh
Topic: 424  Message: 2371

I have the TS-690SAT and love it. Also have the JRC JST-245, Drake R-4C, Yaecu FT-100D, and a Johnson Viking Ranger II for others. I am looking at buying the TS-850S and a Drake T-4XC to complete my station wants and needs.

Al, N7IOH

TS-850_450_690@yahoogroups.com wrote:

> Enter your vote today! A new poll has been created for the
> TS-850_450_690 group:
>
> Since you are members of this great
> group, what Kenwood radio do you use in
> the shack?
>
> o TS-850S
> o TS-450S
> o TS-690S
> o Other (I hope not!)
>
>
> To vote, please visit the following web page:
>
> http://groups.yahoo.com/group/TS-850_450_690/surveys?id=11623391
>
> Note: Please do not reply to this message. Poll votes are
> not collected via email. To vote, you must go to the Yahoo! Groups
> web site listed above.
>
> Thanks!
>
>
>
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
> ---------------------------------------------------------------------
> *Yahoo! Groups Links*
>

> * To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>

[Non-text portions of this message have been removed]

# 2372. Poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-29 16:23:04 UTC
From: Berry Griffin
Topic: 581  Message: 2372

I use a 950SDX. The 950s is a different radio.
I still use the TS850sat that I purchased new many years ago.
Both are in great and that is why both are in use.
I didn't see a way to get the poll to reflect this.

73!

W6EZ

# 2373. Re: [TS-850_450_690] New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-29 17:48:47 UTC
From: Sarge
Topic: 424  Message: 2373

I had a 450sat which I dearly loved. It took a lightning hit. It should be back up soon from the tech.
I now have a TS 570s/g AT. I love it! It has the slope tuning, rx and tx equalizers, etc. When the 450 comes back, I'll rotate them. The 450 has ears like an elephant. The 570 has great ears and more quiet.

# 2374. Re: Poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-29 20:56:39 UTC
From: Max
Topic: 581  Message: 2374

--- In TS-850_450_690@yahoogroups.com, "Berry Griffin" <serazin@p...>
wrote:
> I use a 950SDX. The 950s is a different radio.
> I still use the TS850sat that I purchased new many years ago.
> Both are in great and that is why both are in use.
> I didn't see a way to get the poll to reflect this.
>
> 73!
>
> W6EZ

# 2375. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-30 11:32:07 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 2375

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /TS-850 Programming.txt
Uploaded by : vtnn43e48073 <vtnn43e@...>
Description : This document in text format is how I have my TS-850 programmed. I keep one of these above my rig. I know that memories 10 - 21 and 57 - 74 are not Programmed Scan channels. I just have them in there for reference to let me know where to tune. The ones for 6 metres are for use with a transverter. Zack, N8FNR

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/TS-850%20Programming.txt

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

vtnn43e48073 <vtnn43e@...>

# 2377. Re: New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-30 12:53:03 UTC
From: Max
Topic: 421  Message: 2377

--- In TS-850_450_690@yahoogroups.com, TS-850_450_690@yahoogroups.com wrote:

This document in text format is how I have my TS-850 programmed. I keep one of these above my rig. I know that memories 10 - 21 and 57 - 74 are not Programmed Scan channels. I just have them in there for reference to let me know where to tune. The ones for 6 metres are for use with a transverter. Zack, N8FNR

Great idea Zack. One question, I thought only memories 90-99 were programmable scan memories. How do you program the lower memory channels to scan?

Max

# 2378. Re: New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-30 13:24:26 UTC
From: vtnn43e48073
Topic: 421  Message: 2378

They are just for reference to let me know where to tune. I just use the document as a guide as to where to tune after transfering the memeory to the VFO. I can never remember what RTTY sub-band are and what the band limits of the SW broadcasters are!

73
Zack
N8FNR

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, TS-850_450_690@yahoogroups.com
> wrote:
>
> This document in text format is how I have my TS-850 programmed. I
> keep one of these above my rig. I know that memories 10 - 21 and 57 -
> 74 are not Programmed Scan channels. I just have them in there for
> reference to let me know where to tune. The ones for 6 metres are for
> use with a transverter. Zack, N8FNR
>
> Great idea Zack. One question, I thought only memories 90-99 were
> programmable scan memories. How do you program the lower memory
> channels to scan?
>
> Max

# 2379. Re: Upgrade

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-30 14:04:03 UTC
From: gridrover
Topic: 2360  Message: 2379

I have to agree with the others about the '850. I have a Yaesu Mark-V, a Yeasu '847, an Elecraft K2, and my lovable TS-850. The Mark-V is is fun to play with, and has an *ocassional* edge over the '850, but for day-to-day use, I like the '850 better. The FT-847 is TERRIBLE on HF, even with an Inrad 2.1kHz filter in it, and was only bought to be my satellite radio. My K2 is my portable rig, because I just can't bear the thought of dragging my '850 out of the house! I also have a TS-790 for terrestrial VHF/UHF work, but that's another story!
73, Jim KQ6EA

# 2380. TS-850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-30 14:37:53 UTC
From: ac7nj@arrl.net
Topic: 856  Message: 2380

I have a problem with my 850

When I first turn it on the audio is distorted on SSB TX is also reported as distorted
After several minutes this symptom disappears and the radio operates normally.

The other day I left the radio on in the shack while I was out, the inside temp was 101 and the frequency display went off and left dots where the numbers used to be. I turned it off and waited several hours and turned it back on in the evening when it was cooler (I thought it was the heat) everything worked fine until the distortion thing started last night.
I have the IF-232C connected if that matters

Randy Williamson AC7NJ
930 SE Zee Court
McMinnville, Oregon 97128-8933
ac7nj@...

# 2381. Rig

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-30 14:58:12 UTC
From: Mike Elliott,W8KRR
Topic: 2381  Message: 2381

I agree - I have both the K2 and 850, plus my trusty TR-7, and I find the 850 best of all.
Mike

# 2382. Internal antennae tuner for the TS690?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-30 16:17:31 UTC
From: Phono-Guy
Topic: 2382  Message: 2382

Hi gang,
I have been searching for the internal antennae tuner
for my TS690... does anyone have a spare hanging
around?
Is this internal antennae tuner interchangable in the
TS450 & 850?

Cheers,
Clint
WS1V

_____
Do you Yahoo!?
Yahoo! Mail - 50x more storage than other providers!
http://promotions.yahoo.com/new_mail

# 2383. Re: Internal antennae tuner for the TS690?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-30 20:55:27 UTC
From: smatda
Topic: 2382  Message: 2383

FYI..if it is interchangeable with the 450, there's one for the 450
on ebay right now.

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, Phono-Guy <taephono@y...>
wrote:
> Hi gang,
> I have been searching for the internal antennae tuner
> for my TS690... does anyone have a spare hanging
> around?
> Is this internal antennae tuner interchangable in the
> TS450 & 850?
>
> Cheers,
> Clint
> WS1V
>
>
>
> _____
> Do you Yahoo!?
> Yahoo! Mail - 50x more storage than other providers!
> http://promotions.yahoo.com/new_mail

# 2384. Re: [TS-850_450_690] TS-850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-30 21:36:24 UTC
From: Bill K0ZL
Topic: 856  Message: 2384

Randy, it could be VCO-2, which has the same problem
as the IC-7XX series (cheap plastic VCO trimmer caps!)
or one of the dds chips.

bill

--- ac7nj@... wrote:

> I have a problem with my 850
>
> When I first turn it on the audio is distorted on
> SSB TX is also
> reported as distorted
> After several minutes this symptom disappears and
> the radio operates
> normally.
>
> The other day I left the radio on in the shack while
> I was out, the
> inside temp was 101 and the frequency display went
> off and left dots
> where the numbers used to be. I turned it off and
> waited several
> hours and turned it back on in the evening when it
> was cooler (I
> thought it was the heat) everything worked fine
> until the distortion
> thing started last night.
> I have the IF-232C connected if that matters
>
> Randy Williamson AC7NJ
> 930 SE Zee Court
> McMinnville, Oregon 97128-8933
> ac7nj@...
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2385. Re: [TS-850_450_690] Internal antennae tuner for the TS690?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-30 21:41:59 UTC
From: Bill K0ZL
Topic: 2382  Message: 2385

For sure with the 450, probably the 850 but have to
look next time i have a 450 in.

b

--- Phono-Guy <taephono@...> wrote:

> Hi gang,
> I have been searching for the internal antennae
> tuner
> for my TS690... does anyone have a spare hanging
> around?
> Is this internal antennae tuner interchangable in
> the
> TS450 & 850?
>
> Cheers,
> Clint
> WS1V
>
>
>
> _____
> Do you Yahoo!?
> Yahoo! Mail - 50x more storage than other providers!
> http://promotions.yahoo.com/new_mail
>

=====

"If in doubt, MODIFY" --k0zl

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# 2386. I have a problem with my 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-31 12:37:44 UTC
From: Randy Williamson
Topic: 2386  Message: 2386

I have a problem with my 850

When I first turn it on the audio is distorted on SSB TX is also reported as distorted After several minutes this symptom disappears and the radio operates normally. Then after 30 minutes or so the s meter stops working and the audio fades and the display eventually goes to the discription below.

The other day I left the radio on in the shack while I was out, the inside temp was 101 and the frequency display went off and left dots where the numbers used to be. I turned it off and waited several hours and turned it back on in the evening when it was cooler (I thought it was the heat) everything worked fine until the distortion thing started last night. I have the IF-232C connected if that matters

Randy Williamson AC7NJ
930 SE Zee Court
McMinnville, Oregon 97128-8933
ac7nj@...

# 2387. RE: TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-07-31 15:27:35 UTC
From: ac7nj@arrl.net
Topic: 749  Message: 2387

Thank you

Randy Williamson AC7NJ
930 SE Zee Court
McMinnville, Oregon 97128-8933
ac7nj@...

-----Original Message-----
From: Tree [mailto:tree@...]
Sent: Saturday, July 31, 2004 07:54
To: ac7nj@...
Subject: TS850

As K0ZL pointed out, it is probably the adjustment for the cap on
the VCO board. And if you have the 6631 instead of the 66312 chips,
I would replace them.

See my webpage with more details:

web.jzap.com/n6tr/850repair.html

Tree N6TR
Boring, Oreong

# 2388. Re: Latest Poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-01 03:52:16 UTC
From: Max
Topic: 2388  Message: 2388

400 members and only 49 votes? I find it hard to believe 351 members are off on holiday somewhere! Please cast your vote, the poll is ending soon.

Max

# 2389. Re: poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-01 13:26:41 UTC
From: w9goc
Topic: 424  Message: 2389

The poll is still a disappointment. one can vote for one of a very limited number of choices, but there is no vote available for "several of the above".

Sigh.

Frederick/W9GOC

# 2390. Re: poll

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-01 19:55:45 UTC
From: Roy Sakabu
Topic: 424  Message: 2390

All you have to do is to vote once for each radio you own, the poll lets you cast your vote several times.

I would prefer to see statistics on how many people voted to see how many multiple radio owners there are as well as a much larger field of choices.

--- In TS-850_450_690@yahoogroups.com, "w9goc" <w9goc@a...> wrote:
>
> The poll is still a disappointment. one can vote for one of a very
> limited number of choices, but there is no vote available
> for "several of the above".
>
> Sigh.
>
> Frederick/W9GOC

# 2392. Can't access group from web

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-01 14:20:03 UTC
From: W0OXJ
Topic: 2392  Message: 2392

tried all their prompts for access and none work.Need some help from moderator or owner so I can participate in the survey.

Thanks

Bob
W0OXJ

[Non-text portions of this message have been removed]

# 2394. Re: Can't access group from web

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-03 01:27:38 UTC
From: Mike
Topic: 2392  Message: 2394

Try it this way... http://groups.yahoo.com/group/TS-850_450_690/
maybe the link will work. 73 , Mike -
-- In TS-850_450_690@yahoogroups.com, "W0OXJ" <rfjones@r...> wrote:
> tried all their prompts for access and none work.Need some help
from moderator or owner so I can participate in the survey.
>
> Thanks
>
> Bob
> W0OXJ

# 2395. Poll results for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-05 01:59:44 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 705  Message: 2395

The following TS-850_450_690 poll is now closed. Here are the
final results:

POLL QUESTION: This poll was originally ran January of
this year. Our membership has increased
dramatically since then so I thought I'd
ask it again. What model of Kenwood are
you currently using? I'll close the poll
in one week. Please vote!

CHOICES AND RESULTS
- TS850S, 41 votes, 61.19%
- TS450S, 19 votes, 28.36%
- TS690S, 2 votes, 2.99%
- TS950S, 2 votes, 2.99%
- None of the above, 3 votes, 4.48%

For more information about this group, please visit
http://groups.yahoo.com/group/TS-850_450_690

For help with Yahoo! Groups, please visit
http://help.yahoo.com/help/us/groups/

# 2397. for sale : kenwood TS 450 SAT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-05 11:45:32 UTC
From: on1vk
Topic: 2397  Message: 2397

Although with pain in my heart, I'm selling my TS 450 SAT.
Reason : just bought a TS 570 and a Yaesu FT857 from a pirate that was caught and I need the space in my shack.

The 450 is in good condition, no additional filters installed; comes with service manual and standard mic. If interested I will also sell the RS 232 interface from Kenwood that I used to control the transceiver from my laptop.

Please send your offerto my E-mail address, and yes I will ship worldwide (shipping costs at your expense !)

73's

Karel
ON4KVK@...

# 2398. Blown finals in ts-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-06 17:08:53 UTC
From: hahollme
Topic: 2398  Message: 2398

Hi!

I seems that misaligned ATU somehow burned my ts-450 finals. Are the finals the only place to give or should changing the finals be enough?

I'm guessing the correct type is 2* 2SC2879 ?

Best,
Hannu,
OH1HAQ

# 2399. Re: [TS-850_450_690] Blown finals in ts-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-06 17:46:58 UTC
From: Sarge
Topic: 2398  Message: 2399

check the exciter. Thats what blew on mine rather than the finals.

> Hi!
>
> I seems that misaligned ATU somehow burned my ts-450 finals. Are the
finals the only place to give or should changing the finals be enough?
>
> I'm guessing the correct type is 2* 2SC2879 ?
>
> Best,
> Hannu,
> OH1HAQ
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>
>
>

# 2400. Re: [TS-850_450_690] Blown finals in ts-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-06 21:52:19 UTC
From: Bill K0ZL
Topic: 2398  Message: 2400

Are you sure that the finals are gone?

b

hahollme <hannu.hollmen@...> wrote:
Hi!

I seems that misaligned ATU somehow burned my ts-450 finals. Are the finals the only place to give or should changing the finals be enough?

I'm guessing the correct type is 2* 2SC2879 ?

Best,
Hannu,
OH1HAQ

THANKS FOR USING TS-850_450_690@...

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---
Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

"If in doubt, MODIFY" --k0zl

Need a tech? See our website www.amateur-repairs.com

---
Do you Yahoo!?
Yahoo! Mail - Helps protect you from nasty viruses.

[Non-text portions of this message have been removed]

# 2401. Re: Blown finals in ts-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-06 22:33:39 UTC
From: hahollme
Topic: 2398  Message: 2401

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Are you sure that the finals are gone?
>

No I'm not. Because the repair is out of my league, I took it to a repair center. I'm just trying to think what could be wrong, and hope the radio can still be repaired. (getting the verdict next week) As for the symptoms, The first symptom was only about 70 w power. The atu tuned fine, but after tuning the swr climbed to 1:2 (atu on) After a couple of tries, swr was back to 1:1 and the power was back. After a while the atu got stuck, but after a couple of tries it tuned fine. When doing about 10 sec test transmission, the display whent all dots. Few seconds later the radio quit (the 25 amp fuse was blown from the PS) After changing the fuse, rx is fine, but there is no power or ALC anywhere.

It sounds like a finals to me, but could it be someting else?

> b
>
> hahollme <hannu.hollmen@k...> wrote:
> Hi!
>
> I seems that misaligned ATU somehow burned my ts-450 finals. Are the finals the only place to give or should changing the finals be enough?
>
> I'm guessing the correct type is 2* 2SC2879 ?
>
> Best,
> Hannu,
> OH1HAQ
>

# 2402. Re: Blown finals in ts-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-08 05:08:46 UTC
From: n0cki
Topic: 2398  Message: 2402

I had a problem with my 450 where the swr would go up and down and the antenna tuner had a hard time tuning the antenna. I found a cold solder joint at the wire going to the so239 connector for the antenna. It was bad at the circuit board. Soldered it and have had no more problems but I caught it before blowing any fuses. Good luck Robert n0cki

--- In TS-850_450_690@yahoogroups.com, "hahollme" <hannu.hollmen@k...> wrote:
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> > Are you sure that the finals are gone?
> >
>
> No I'm not. Because the repair is out of my league, I took it to a repair center. I'm just trying to think what could be wrong, and hope the radio can still be repaired. (getting the verdict next week) As for the symptoms, The first symptom was only about 70 w power. The atu tuned fine, but after tuning the swr climbed to 1:2 (atu on) After a couple of tries, swr was back to 1:1 and the power was back. After a while the atu got stuck, but after a couple of tries it tuned fine. When doing about 10 sec test transmission, the display whent all dots. Few seconds later the radio quit (the 25 amp fuse was blown from the PS) After changing the fuse, rx is fine, but there is no power or ALC anywhere.
>
> >

# 2403. Looking for BTDT on absence of TXB signal, TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-09 06:12:40 UTC
From: emailw8nf
Topic: 2403  Message: 2403

Original symptom:

In the heat of a contest, the smell of a failing capacitor slowly grew. When the run rate dropped below 50/hour, we knew there was a problem. The rig's metering suggested we were still transmitting, but the external power meter read ZERO. Swapped in a standby Icom 735 and ran the rest of the contest fine.

So, the TS-850SAT is on the bench. Sure enough, C1 on the CAR UNIT has leaked, and etched away some solder mask on the board. I will replace it. HOWEVER, there are no electrical symptoms which can be blamed on this - it leaked, did mechanical damage, but no electrical effects.

When I switch to transmit, the CAR UNIT is receiving properly the DDS control signals to switch frequencies, mode dependent.

HOWEVER, TXB never goes high. It appears to be held low all the time. DC measurement is a solid zero volts, even on the most sensitive range of my DVM.

Given enough time, I know I could dig into it far enough to ferret out the cause. The overall schematic suggests that the PLL supplies this signal. What I'm hoping, though, is that my report of symptoms and initial measurements will lead to someone saying "Yeah, I had a rig that did that - you'll probably find Q365 on the frammitz board has gone open circuit!"

Here's another part of the symptom - in TX mode, the rig draws no more current than in RX mode. In other words, the PA and drivers are not being biased.

All this suggests something amiss in some digital circuit and/or its level converter - at least to em.

Oh, and one more thing - are the "improved" DDS chips still available? Mine has the plain old YM6331 chips, and I recall a strong encouragement to replace them with YM63312 chips.

TIA!!!

73,

Dave W8NF

# 2404. Re: [TS-850_450_690] Looking for BTDT on absence of TXB signal, TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-09 16:00:34 UTC
From: Bill K0ZL
Topic: 2403  Message: 2404

Dave, there are about 4 transistors that can hold PTT
low or shunt current from TX8 to RX8 etc..

on the IF unit, locate these test pads and tell us
what you see in RX and TX mode.

I presume you have fixed the cap and trace issues.

bill

--- emailw8nf <emailw8nf@...> wrote:

> Original symptom:
>
> In the heat of a contest, the smell of a failing
> capacitor slowly
> grew. When the run rate dropped below 50/hour, we
> knew there was a
> problem. The rig's metering suggested we were still
> transmitting, but
> the external power meter read ZERO. Swapped in a
> standby Icom 735 and
> ran the rest of the contest fine.
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> but no electrical
> effects.
>
> When I switch to transmit, the CAR UNIT is receiving
> properly the DDS
> control signals to switch frequencies, mode
> dependent.
>
> HOWEVER, TXB never goes high. It appears to be held
> low all the time.
> DC measurement is a solid zero volts, even on the
> most sensitive
> range of my DVM.
>

> Given enough time, I know I could dig into it far
> enough to ferret out
> the cause. The overall schematic suggests that the
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> signal. What I'm hoping, though, is that my report
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> initial measurements will lead to someone saying
> "Yeah, I had a rig
> that did that - you'll probably find Q365 on the
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> Here's another part of the symptom - in TX mode, the
> rig draws no more
> current than in RX mode. In other words, the PA and
> drivers are not
> being biased.
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> All this suggests something amiss in some digital
> circuit and/or its
> level converter - at least to em.
>
> Oh, and one more thing - are the "improved" DDS
> chips still available?
> Mine has the plain old YM6331 chips, and I recall a
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> encouragement to replace them with YM63312 chips.
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> TIA!!!
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> 73,
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> Dave W8NF
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=====

"If in doubt, MODIFY" --k0zl

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# 2405. Re: [TS-850_450_690] Looking for BTDT on absence of TXB signal, TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-09 20:15:26 UTC
From: Eric
Topic: 2403  Message: 2405

Yeah, I had that happen. I was driving the audio a bit too hard with the MC 60a and it went very quick--20 seconds. Stinky and drop in output power to 0. I brought it to the guy I bought it from, only because he knows a great technician. Apparently the tech could visually spot the cap without any testing. When the unit was returned it worked as great as before, however other than the cap going out, no mention of which board/circuit was mentioned. I wish I knew too to help you and my own interest.

Eric,
KR9W

----- Original Message -----
From: emailw8nf
To: TS-850_450_690@yahoogroups.com
Sent: Monday, August 09, 2004 1:12 AM
Subject: [TS-850_450_690] Looking for BTDT on absence of TXB signal, TS-850

Original symptom:

In the heat of a contest, the smell of a failing capacitor slowly grew. When the run rate dropped below 50/hour, we knew there was a problem. The rig's metering suggested we were still transmitting, but the external power meter read ZERO. Swapped in a standby Icom 735 and ran the rest of the contest fine.

So, the TS-850SAT is on the bench. Sure enough, C1 on the CAR UNIT has leaked, and etched away some solder mask on the board. I will replace it. HOWEVER, there are no electrical symptoms which can be blamed on this - it leaked, did mechanical damage, but no electrical effects.

When I switch to transmit, the CAR UNIT is receiving properly the DDS control signals to switch frequencies, mode dependent.

HOWEVER, TXB never goes high. It appears to be held low all the time. DC measurement is a solid zero volts, even on the most sensitive range of my DVM.

Given enough time, I know I could dig into it far enough to ferret out the cause. The overall schematic suggests that the PLL supplies this signal. What I'm hoping, though, is that my report of symptoms and initial measurements will lead to someone saying "Yeah, I had a rig that did that - you'll probably find Q365 on the frammitz board has gone open circuit!"

Here's another part of the symptom - in TX mode, the rig draws no more current than in RX mode. In other words, the PA and drivers are not

being biased.

All this suggests something amiss in some digital circuit and/or its
level converter - at least to em.

Oh, and one more thing - are the "improved" DDS chips still available?
Mine has the plain old YM6331 chips, and I recall a strong
encouragement to replace them with YM63312 chips.

TIA!!!

73,

Dave W8NF

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[Non-text portions of this message have been removed]

# 2406. Re: Looking for BTDT on absence of TXB signal, TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-10 07:50:31 UTC
From: emailw8nf
Topic: 2403  Message: 2406

Bill,

Thanks for the lead - the block diagram suggested I should turn towards the PLL unit, but I'll look for where the TXB line shows up on the IF unit.

Given your suggestion, I proceeded to replace the failed capacitor on the CAR unit. It sure made a mess. I unsoldered it, and found the PC board underneath badly damaged. I had to dig halfway through the board to remove what looked like charred glass epoxy. I know from my days of designing 20kW MRI amplifiers that charred PC board material is conductive. In fact, it makes a dandy DC-controlled flame. Anyway, I dug out the charred stuff until I measured a good 1 Megohm DC resistance between all the traces around the damaged area, and installed a 100uF 50 volt electrolytic. That particular DC line doesn't appear to require the low ESR of a tantalum, so I chose not to use a risky component there. When the rig's operational again, I'll do some noise measurements on that line to see if I've erred in my assumption.

After reconnecting the CAR unit, the rig's behavior was unchanged. I dug out a more sensitive DVM and was able to measure that the TX8 line was 0.8mV all the time - during TX or RX. I removed DC power from the rig and made a DC resistance measurement (using a low-voltage meter, that should not be turning on any device junctions) and measred 90 ohms DC resistance. This seemed mighty low for a control line that is supposed to be pulled high and low by various transistors. I disconnected the CAR unit, and measured the TX8 line right on the CAR unit, and got 1.5kohms. That's reasonable. So the "almost short circuit" is coming from another board. Possibly the IF unit that you've guided me to studying.

That's as far as I got in the 20 minutes I had to work on it tonight. During the week, if I haven't had to go out of town for a customer or team visit, I usually have work to do on the house remodel, so this was actually a rare event that I got any time at all on the rig.

I think I'll be able to put a little more time into it Thursday, will report the findings then.

Thanks to the list!

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Dave, there are about 4 transistors that can hold PTT
> low or shunt current from TX8 to RX8 etc..
>
> on the IF unit, locate these test pads and tell us
> what you see in RX and TX mode.
>
> I presume you have fixed the cap and trace issues.
>
> bill

# 2407. Re: [TS-850_450_690] Re: Looking for BTDT on absence of TXB signal, TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-10 12:30:54 UTC
From: Bill K0ZL
Topic: 2403  Message: 2407

Thanks Dave.

What was the capacitor symbol that you replace (C119 or something like that?)? I may do a "pre-emptory" changeout on mine. I think RF may be getting into them and blowing them since it only seems to happen on TX.

0.8mV on TXB is OK. You just don't want to see anything over a volt on it during RX, and vice versa with RXB during TX mode.

You may have shorted bypass cap on one of the AUX connectors in back, whichever one has SS on it. Check that. Those little old SMD bypass caps short at about 100v and make dandy circuit protectors; you just gotta find 'em after they have done that!

b
--- emailw8nf <emailw8nf@...> wrote:

> Bill,
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> Thanks for the lead - the block diagram suggested I
> should turn
> towards the PLL unit, but I'll look for where the
> TXB line shows up on
> the IF unit.
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> the CAR unit. It sure made a mess. I unsoldered
> it, and found the PC
> board underneath badly damaged. I had to dig
> halfway through the
> board to remove what looked like charred glass
> epoxy. I know from my
> days of designing 20kW MRI amplifiers that charred
> PC board material
> is conductive. In fact, it makes a dandy
> DC-controlled flame.
> Anyway, I dug out the charred stuff until I measured
> a good 1 Megohm
> DC resistance between all the traces around the
> damaged area, and
> installed a 100uF 50 volt electrolytic. That

> particular DC line
> doesn't appear to require the low ESR of a tantalum,
> so I chose not to
> use a risky component there. When the rig's
> operational again, I'll
> do some noise measurements on that line to see if
> I've erred in my
> assumption.
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> After reconnecting the CAR unit, the rig's behavior
> was unchanged. I
> dug out a more sensitive DVM and was able to measure
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> rig and made a DC resistance measurement (using a
> low-voltage meter,
> that should not be turning on any device junctions)
> and measred 90
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> control line that is
> supposed to be pulled high and low by various
> transistors. I
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> unit, and got 1.5kohms. That's reasonable. So the
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> circuit" is coming from another board. Possibly the
> IF unit that
> you've guided me to studying.
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> That's as far as I got in the 20 minutes I had to
> work on it tonight.
> During the week, if I haven't had to go out of town
> for a customer or
> team visit, I usually have work to do on the house
> remodel, so this
> was actually a rare event that I got any time at all
> on the rig.
>
> I think I'll be able to put a little more time into
> it Thursday, will
> report the findings then.
>
> Thanks to the list!
>
> 73,
>
> Dave W8NF
>

> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...> wrote:
> > Dave, there are about 4 transistors that can hold
> PTT
> > low or shunt current from TX8 to RX8 etc..
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> > on the IF unit, locate these test pads and tell us
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=====

"If in doubt, MODIFY" --k0zl

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# 2408. Re: Looking for BTDT on absence of TXB signal, TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-11 06:32:15 UTC
From: emailw8nf
Topic: 2403  Message: 2408

Hi Bill,

The capacitor that I replaced was The Famous C1 on the CAR UNIT.

The TX8 line measures 0.8mV in transmit mode. I wouldn't mind if that was the voltage in receive mode and it went higher in transmit!

Just got back from Silicon Valley and doing another coat of paint on the hallway walls here at home. Time to retire for the evening, so I don't get time to work on it tonight.

Thanks for the advice - got it printed out and sitting next to the rig, as a reference for next time I get to work on it. This weekend is WAE, so if I'm in the workroom, I'll probably be trying to get some new ones in that 'test...

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Thanks Dave.
>
> What was the capacitor symbol that you replace (C119
> or something like that?)? I may do a "pre-emptory"
> changeout on mine. I think RF may be getting into them
> and blowing them since it only seems to happen on TX.
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> 0.8mV on TXB is OK. You just don't want to see
> anything over a volt on it during RX, and vice versa
> with RXB during TX mode.
>
> You may have shorted bypass cap on one of the AUX
> connectors in back, whichever one has SS on it. Check
> that. Those little old SMD bypass caps short at about
> 100v and make dandy circuit protectors; you just gotta
> find 'em after they have done that!
>
> b
> --- emailw8nf <emailw8nf@y...> wrote:
>
> > Bill,
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> > Thanks for the lead - the block diagram suggested I
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> > towards the PLL unit, but I'll look for where the
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> > After reconnecting the CAR unit, the rig's behavior
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> > 73,
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> > Dave W8NF
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> > <coorsbill@y...> wrote:
> > > Dave, there are about 4 transistors that can hold
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# 2409. Re: [TS-850_450_690] Re: Looking for BTDT on absence of TXB signal, TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-11 21:43:26 UTC
From: Bill K0ZL
Topic: 2403  Message: 2409

OH yeah.. TX8 in TX mode.. eeeeyooorrrrre... lost my sychronizers there for first gear, hi.

I am going to guess it's Q152 on the TRX unit, Z4, located on the IF unit, part number for the TRX unit is X59-3680-01 by way of ID only, as this should be easy component level repair)... Q152 pnp switches 8A to TX8 when the input pin 2 to the TRX unit, labeled CTXB on the schem, goes HI (3.22 volts vs 0 in RX mode).

That should get ya started. The transistor is 2SA1204(Y)

bill

--- emailw8nf <emailw8nf@...> wrote:

> Hi Bill,
>
> The capacitor that I replaced was The Famous C1 on
> the CAR UNIT.
>
> The TX8 line measures 0.8mV in transmit mode. I
> wouldn't mind if that
> was the voltage in receive mode and it went higher
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> Just got back from Silicon Valley and doing another
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> Thanks for the advice - got it printed out and
> sitting next to the
> rig, as a reference for next time I get to work on
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> Dave W8NF

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> <coorsbill@y...> wrote:
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> > What was the capacitor symbol that you replace
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> > > Dave W8NF
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# 2410. need HELP to calibrate display on 850.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-13 00:43:26 UTC
From: timhoy
Topic: 2410  Message: 2410

When tuning a familiar voice, the audio seems about 50 hz off, .05, so I decided to calibrate the display. Per the book I removed the carrier unit and final cover, found the test pins and made up a test lead to connect the pins. The books tune WWV, push "tune" and zero beat.
When I connect the clip lead I pretty much loose WWV and really don't hear enough to zero beat.
Anyone done this successfully?
tnx and 73,
Tim, K6CA

# 2411. Re: need HELP to calibrate display on 850.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-13 02:09:41 UTC
From: Max
Topic: 2410  Message: 2411

--- In TS-850_450_690@yahoogroups.com, "timhoy" <timhoy@y...> wrote:
> When tuning a familiar voice, the audio seems about 50 hz off, .05,
> so I decided to calibrate the display. Per the book I removed the
> carrier unit and final cover, found the test pins and made up a test
> lead to connect the pins. The books tune WWV, push "tune" and zero
> beat.
> When I connect the clip lead I pretty much loose WWV and really don't
> hear enough to zero beat.
> Anyone done this successfully?
> tnx and 73,
> Tim, K6CA

Tim,

It might be easier to tune this "familiar voice" by dialing up the
frequency he says he is on (provided his rig is dead on) then
adjusting the trimmer cap on the 20 mhz oscillator so your display
matches his.

Max

# 2412. Re: [TS-850_450_690] need HELP to calibrate display on 850.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-13 03:21:44 UTC
From: Bill K0ZL
Topic: 2410  Message: 2412

Never had to do all that...

I just tune WWV in on AM, wait for the tone, and set
the reference osc so that the pitch of the tone on LSB
and USB are exactly the same.

You can also open up the filters to 6kHz, lsb or usb,
and adjust the ref osc trimmer for zero beat; you will
hear it all way down to about 0.1 hz if you are
careful.

You can also use any known carrier frequency. Many of
the SW broadcasters are pretty close.

b

--- timhoy <timhoy@...> wrote:

> When tuning a familiar voice, the audio seems about
> 50 hz off, .05,
> so I decided to calibrate the display. Per the book
> I removed the
> carrier unit and final cover, found the test pins
> and made up a test
> lead to connect the pins. The books tune WWV, push
> "tune" and zero
> beat.
> When I connect the clip lead I pretty much loose WWV
> and really don't
> hear enough to zero beat.
> Anyone done this successfully?
> tnx and 73,
> Tim, K6CA
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2413. Re: need HELP to calibrate display on 850.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-13 03:39:19 UTC
From: k6htm
Topic: 2410  Message: 2413

I recommend that the adjustment described below be done at the 20 MHz
WWV. Frequency errors will be smaller (divided) as you go down the
spectrum afterwards. -- Charlie

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Never had to do all that...
>
> I just tune WWV in on AM, wait for the tone, and set
> the reference osc so that the pitch of the tone on LSB
> and USB are exactly the same.
>
> You can also open up the filters to 6kHz, lsb or usb,
> and adjust the ref osc trimmer for zero beat; you will
> hear it all way down to about 0.1 hz if you are
> careful.
>
> You can also use any known carrier frequency. Many of
> the SW broadcasters are pretty close.
>
> b
>
> --- timhoy <timhoy@y...> wrote:
>
> > When tuning a familiar voice, the audio seems about
> > 50 hz off, .05,
> > so I decided to calibrate the display. Per the book
> > I removed the
> > carrier unit and final cover, found the test pins
> > and made up a test
> > lead to connect the pins. The books tune WWV, push
> > "tune" and zero
> > beat.
> > When I connect the clip lead I pretty much loose WWV
> > and really don't
> > hear enough to zero beat.
> > Anyone done this successfully?
> > tnx and 73,
> > Tim, K6CA
> >
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> =====
>
> "If in doubt, MODIFY" --k0zl

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# 2414. Noise blanker mod for TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-15 07:00:05 UTC
From: merckxist
Topic: 2414  Message: 2414

I have been looking at the noise blanker mod for the 850, but I am not entirely clear as to what it accomplishes.I'm thinking about it because, as of late, I've had a lot of pulse type QRN.Strongest on 40M, sometimes as much as 30 over S9.Most of the time, the unmodified noise blanker can deal with it, but not always.
Al
KJ5GT

# 2415. Re: [TS-850_450_690] Digest Number 597

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-15 14:08:44 UTC
From: Ron Winters
Topic: 2415  Message: 2415

TS-850_450_690@yahoogroups.com wrote:

>
>There is 1 message in this issue.
>
>Topics in this digest:
>
> 1. Noise blanker mod for TS-850
> From: "merckxist" <kj5gt@...>
>
>
>_____________________________________________________________________
>_____________________________________________________________________
>
>Message: 1
> Date: Sun, 15 Aug 2004 07:00:05 -0000
> From: "merckxist" <kj5gt@...>
>Subject: Noise blanker mod for TS-850
>
>I have been looking at the noise blanker mod for the 850, but I am not
>entirely clear as to what it accomplishes.I'm thinking about it
>because, as of late, I've had a lot of pulse type QRN.Strongest on
>40M, sometimes as much as 30 over S9.Most of the time, the unmodified
>noise blanker can deal with it, but not always.
>Al
>KJ5GT
>
>
>
>
>
Here's a link with the info at the bottom of the page, Ron ag4lh
http://n6tr.jzap.com/850repair.html#Noise%20Blanker%20Performance%20Improvement

# 2416. IF OUT LEVEL ON BACK OF RADIO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-19 15:16:12 UTC
From: Max
Topic: 2416  Message: 2416

Can anyone tell me what the transverter level is coming out of the back of the 850? I am getting output from the transverter according to my meter but can't trip the local repeater.

Transverter is a Sinclabs ST144-28

Thanks,

Max

# 2417. Re: [TS-850_450_690] IF OUT LEVEL ON BACK OF RADIO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-19 18:12:20 UTC
From: Bill K0ZL
Topic: 2416  Message: 2417

Max what is a good test jig for this, I know I have to
inject some DC and need a choke etc. to get this
output to work.

Else, if someone else has a setup, drop a scope lead
on it will ya?

b

--- Max <ve3tmt@...> wrote:

> Can anyone tell me what the transverter level is
> coming out of the
> back of the 850? I am getting output from the
> transverter according
> to my meter but can't trip the local repeater.
>
> Transverter is a Sinclabs ST144-28
>
> Thanks,
>
> Max
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2418. Re: IF OUT LEVEL ON BACK OF RADIO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-19 20:43:20 UTC
From: Max
Topic: 2416  Message: 2418

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Max what is a good test jig for this, I know I have to
> inject some DC and need a choke etc. to get this
> output to work.

I've got that part built into the transverter Bill. when you plug the cable into the 850's IF OUT jack, you can hear the relay inside the radio cycle. This switches the RF drive from the final amp input out to the IF OUT instead. I verify this by cranking the carrier control full on the 850 and get no output. With my crude setup I am showing something coming out of the transverter but can't trip the repeater. I hear it at S9+ so I should be able to hit it. I am going to borrow a scanner and monitor my signal out of the transverter and go from there.

Thanks for the help,

Max

# 2419. Re: [TS-850_450_690] Re: IF OUT LEVEL ON BACK OF RADIO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-19 21:41:55 UTC
From: Bill K0ZL
Topic: 2416  Message: 2419

OK... I presume also that you have the correct tone in
the 850 for the repeater system?

bill

--- Max <ve3tmt@...> wrote:

> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...> wrote:
> > Max what is a good test jig for this, I know I
> have to
> > inject some DC and need a choke etc. to get this
> > output to work.
>
> I've got that part built into the transverter Bill.
> when you plug the
> cable into the 850's IF OUT jack, you can hear the
> relay inside the
> radio cycle. This switches the RF drive from the
> final amp input out
> to the IF OUT instead. I verify this by cranking
> the carrier control
> full on the 850 and get no output. With my crude
> setup I am showing
> something coming out of the transverter but can't
> trip the repeater.
> I hear it at S9+ so I should be able to hit it. I
> am going to borrow
> a scanner and monitor my signal out of the
> transverter and go from there.
>
> Thanks for the help,
>
> Max
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2420. Re: IF OUT LEVEL ON BACK OF RADIO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-19 23:38:20 UTC
From: Max
Topic: 2416  Message: 2420

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> OK... I presume also that you have the correct tone in
> the 850 for the repeater system?

No tone required on our repeater Bill. I think I will try a
different antenna. I was monitoring my output on a portable VHF FM
radio and it sounds fine, so I am going to assume it is my crappy
antenna.

# 2421. Re: [TS-850_450_690] Re: IF OUT LEVEL ON BACK OF RADIO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-20 00:51:15 UTC
From: Bill K0ZL
Topic: 2416  Message: 2421

What is the power output of the transverter?

What kind of antenna are you running, height, coax,
etc?

How far away is the repeater? Is it working OK? A
little desense on the repeater will tear up weak sigs
(if it's desense, when you key up, the repeater will
go kerchunk-kerchunk-kerchunk...)

bill

--- Max <ve3tmt@...> wrote:

> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
> > OK... I presume also that you have the correct
> tone in
> > the 850 for the repeater system?
>
> No tone required on our repeater Bill. I think I
> will try a
> different antenna. I was monitoring my output on a
> portable VHF FM
> radio and it sounds fine, so I am going to assume it
> is my crappy
> antenna.
>
>

=====

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# 2422. Re: IF OUT LEVEL ON BACK OF RADIO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-20 01:36:29 UTC
From: Max
Topic: 2416  Message: 2422

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> What is the power output of the transverter?
>
> What kind of antenna are you running, height, coax,
> etc?
>
> How far away is the repeater? Is it working OK? A
> little desense on the repeater will tear up weak sigs
> (if it's desense, when you key up, the repeater will
> go kerchunk-kerchunk-kerchunk...)

All previous 2m setups in the same location worked. I am only testing the transverter. After recrystalling it to work on the full 2m band, I have tuned the receive for peak at 145.5 so I can cover the lower SSB portion and the local repeater at 146.94. All signals received seem fine and I sound fine monitoring myself on a small portable receiver in the same room. The antenna at the moment is a simple indoor j-pole in my basement where the shack is. So I think at some point my next move is to take it all upstairs into the empty bedroom and set it up there and give it a try. I think my problem is just the lousy antenna situation.

Max

# 2423. TS-850 Front Panel and DSP-100...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-23 20:07:00 UTC
From: Terry
Topic: 2423  Message: 2423

Guys,
Can you help me...please???

1)I am after a new front panel for the 850 (A62-0045-02)
2)Also after a reasonably priced DSP-100 (if there is such a thing!)

I have tried the usual Kenwood uk /usa etc, but to no avail. Someone must know of one of the above gathering dust on a shops shelf or in a friends shack somewhere...or are they really that rare???

Many thanks,
Terry
G0VHS
UK

telboy_vhsatyahoodotcom

# 2424. Re: [TS-850_450_690] TS-850 Front Panel and DSP-100...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-23 21:51:11 UTC
From: Mike (WZ5Q)
Topic: 2423  Message: 2424

Howdy,
I was on the backorder waiting list for a front panel on the TS-870s for
9 months. I was third on the list. Kenwood called me about 3 weeks ago
and said that the Kenwood Factory destroyed the mold and now cannot make
any replacements. They did say that there was the ureapean front panel
model that was identical to the "s" model except for the "TS-850s" logo
had a different suffix on it. I declined.
There are 2 used TS-850 front panels on epay right now. They state that
they are in fair condition.
They are very hard to find. I ran an add on the interernet stating that
i was searching for one. I had 2 answers.
They are hard to come bye, as is a reasonably priced DSP-100. They have
been ranging in price from 450.00 to 1100.00 on epay in the last 8 months.
Good Luck,
Mike
WZ5Q

Terry wrote:

> Guys,
> Can you help me...please???
>
> 1)I am after a new front panel for the 850 (A62-0045-02)
> 2)Also after a reasonably priced DSP-100 (if there is such a thing!)
>
> I have tried the usual Kenwood uk /usa etc, but to no avail. Someone
> must know of one of the above gathering dust on a shops shelf or in a
> friends shack somewhere...or are they really that rare???
>
> Many thanks,
> Terry
> G0VHS
> UK
>
>
> telboy_vhsatyahoodotcom
>
>
`

# 2425. Re: [TS-850_450_690] TS-850 Front Panel and DSP-100...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-24 13:13:47 UTC
From: k0ndn@aol.com
Topic: 2423  Message: 2425

There is a DSP-100 on eBay

[Non-text portions of this message have been removed]

# 2426. Re: [TS-850_450_690] TS-850 Front Panel and DSP-100...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-24 13:42:52 UTC
From: k0ndn@aol.com
Topic: 2423  Message: 2426

Sorry the dsp-100 is at QTH.com not eBay as I first stated _QTH.COM Ham Radio Classified Ads: SEARCH RESULTS - Swap amateur radio HF VHF equipment buy sell trade on line_ (http://swap.qth.com/search-results.asp?Keywords=dsp-100&FieldToSearch=TitleOrDesc)

[Non-text portions of this message have been removed]

# 2427. RE:TS-850 Front Panel and DSP-100...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-25 13:17:08 UTC
From: Norm Hare
Topic: 2423  Message: 2427

I saw a front panel on EBAY the other day.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]

Sent: Wednesday, August 25, 2004 8:32 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Digest Number 601

There are 2 messages in this issue.

Topics in this digest:

1. Re: TS-850 Front Panel and DSP-100...
From: k0ndn@...
2. Re: TS-850 Front Panel and DSP-100...
From: k0ndn@...

---
---

Message: 1
Date: Tue, 24 Aug 2004 09:13:47 EDT
From: k0ndn@...
Subject: Re: TS-850 Front Panel and DSP-100...

There is a DSP-100 on eBay

[Non-text portions of this message have been removed]

---
---

Message: 2
Date: Tue, 24 Aug 2004 09:42:52 EDT
From: k0ndn@...
Subject: Re: TS-850 Front Panel and DSP-100...

Sorry the dsp-100 is at QTH.com not eBay as I first stated _QTH.COM Ham
Radio Classified Ads: SEARCH RESULTS - Swap amateur radio HF VHF equipment
buy
sell trade on line_
(http://swap.qth.com/search-results.asp?Keywords=dsp-100&FieldToSearch=Title
OrDesc)

[Non-text portions of this message have been removed]

---
---

THANKS FOR USING TS-850_450_690@...M

---

Yahoo! Groups Links

---

# 2428. Re: TS-850 Front Panel and DSP-100...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-25 16:04:03 UTC
From: ah6rr1
Topic: 2423  Message: 2428

There is a front panel on ebay right now item# 5716420301 going for around $9.00 its not new but the price is right.
AH6RR

--- In TS-850_450_690@yahoogroups.com, "Terry" <telboy_vhs@y...> wrote:
> Guys,
> Can you help me...please???
>
> 1)I am after a new front panel for the 850 (A62-0045-02)
> 2)Also after a reasonably priced DSP-100 (if there is such a thing!)
>
> I have tried the usual Kenwood uk /usa etc, but to no avail. Someone
> must know of one of the above gathering dust on a shops shelf or in a
> friends shack somewhere...or are they really that rare???
>
> Many thanks,
> Terry
> G0VHS
> UK
>
>
> telboy_vhsatyahoodotcom

# 2429. Re: TS-850 Front Panel and DSP-100...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-26 10:37:05 UTC
From: Terry
Topic: 2423  Message: 2429

Well thanks for the feedback guys.

I am pleasantly suprised, but amased that they are so so rare, hard
to find and desirable!
They are of course,without doubt the best combo available for HF.

So annoyed to hear about the mould because I would have been keen to
purchase it.
I think that the screen print mask could be a bit of a problem to
manufactre as well without the art work. Dear Kenwood.....
However, I do have a brand new front that we could make a cast from.
Is there enough interest for it to be a runner?

Regards,
Terry
G0VHS

> telboy_vhsatyahoodotcom

# 2430. Re: [TS-850_450_690] Re: TS-850 Front Panel and DSP-100...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-26 11:54:59 UTC
From: Bill K0ZL
Topic: 2423  Message: 2430

TYPICAL wear marks on that one, would be good
replacement for one in worse shape for sure.

bill

--- ah6rr1 <Toesonnose@...> wrote:

> There is a front panel on ebay right now item#
> 5716420301 going for
> around $9.00 its not new but the price is right.
> AH6RR
>
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, "Terry"
> <telboy_vhs@y...> wrote:
> > Guys,
> > Can you help me...please???
> >
> > 1)I am after a new front panel for the 850
> (A62-0045-02)
> > 2)Also after a reasonably priced DSP-100 (if there
> is such a thing!)
> >
> > I have tried the usual Kenwood uk /usa etc, but to
> no avail. Someone
> > must know of one of the above gathering dust on a
> shops shelf or in a
> > friends shack somewhere...or are they really that
> rare???
> >
> > Many thanks,
> > Terry
> > G0VHS
> > UK
> >
> >
> > telboy_vhsatyahoodotcom
>
>

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# 2431. ts-450 back from service with blown finals and broken foil

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-27 14:49:30 UTC
From: hahollme
Topic: 2431  Message: 2431

Hi !

I got my ts-450 back from service. It was fixed. The cause was blown finals. There were also broken foils somewhere in the final unit.

They told me to check my power supply, as it seems there was a major short somewhere. I'm using PS-53. I measure the voltage from the connector and it showed 14 v.

When the finals blew back then, the 25 amp fuse from the PS was blown. After changing the fuse, the PS seemed to work fine. Could the culprit be the PS??

Best,
Hannu,
OH1HAQ

# 2432. Re: [TS-850_450_690] ts-450 back from service with blown finals and broken foil

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-27 21:22:03 UTC
From: Bill K0ZL
Topic: 2431  Message: 2432

It is likely that a pulse made it from the power lines, through the ps-53 to blow the finals in the rig, and did not hurt the power supply.

Even with the power supply OFF and the rig OFF, the final transistor collectors are connected to the power supply pass transistors, etc... unless the power switch disconnects ALL THREE WIRES on the AC line, there is a current path there for spikes to come through to the rig!

Get a good surge arrestor to plug the power supply into. I recommend the Isobar 4 or 6; they are not cheap, about 60.00 USD but they are worthwhile protection.

Vy 73!

Bill

--- hahollme <hannu.hollmen@...> wrote:

> Hi !
>
> I got my ts-450 back from service. It was fixed. The
> cause was blown finals. There were also broken foils
> somewhere in the final unit.
>
> They told me to check my power supply, as it seems
> there was a major short somewhere. I'm using PS-53.
> I measure the voltage from the connector and it
> showed 14 v.
>
> When the finals blew back then, the 25 amp fuse from
> the PS was blown. After changing the fuse, the PS
> seemed to work fine. Could the culprit be the PS??
>
> Best,
> Hannu,
> OH1HAQ
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2433. Got my first 850 8/27/04

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-29 16:27:58 UTC
From: ah6rr1
Topic: 2433  Message: 2433

Aloha All,
I got my first 850 on friday (my 50th birthday) :-) WOW it's really clean and works Great. My first contact with it was with GI3DZE in Belfast who gave me a S7 and Great audio. I couldn't ask for more except the power out is around 85w. This fine rig replaces my 830 that died. I know I will be a Happy Camper with this Fine rig.
73, Roland AH6RR

# 2434. Re: [TS-850_450_690] Got my first 850 8/27/04

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-29 22:20:11 UTC
From: Bill K0ZL
Topic: 2433  Message: 2434

Hi Roland.

Into a dummy load, on 15m FM mode, car and power controls full CW, you can adjust VR-7 on the RF unit (if rig is upside down facing you, this will be the left-side circuit board and vr-7 is under the shiny shield, which can be removed with 4 screws if you need a clear shot to the pot).

VR-7 should be adjusted as you watch the ALC indication on 15M; go for max output where you still show nearly full scale ALC. This is your max output for the rig.

I use 15M because that is the band which the rig has the lowest TX gain for some reason.

Check all other bands, and make sure that you have ALC indication at full power, full carrier, FM mode. If not, reduce VR-7 (by the way, CCW increases, CW decreases power! hi) until you have good ALC reading on all bands.

While you are in there, reduce power (any band, FM mode) to full CCW, carrier about 1/2 way up. You should be seeing 10-12 watts out. Reduce VR-5 I think (min PO) for 4.5 watts, or about 2 squares on the power output meter on the rig. This will make you "legal" for the QRP contests.

Vy 73

b

--- ah6rr1 <Toesonnose@...> wrote:

> Aloha All,
> I got my first 850 on friday (my 50th birthday) :-)
> WOW it's really
> clean and works Great. My first contact with it was
> with GI3DZE in
> Belfast who gave me a S7 and Great audio. I couldn't
> ask for more
> except the power out is around 85w. This fine rig
> replaces my 830 that
> died. I know I will be a Happy Camper with this Fine
> rig.

> 73, Roland AH6RR
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2435. Re: Got my first 850 8/27/04

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-30 02:36:05 UTC
From: Max
Topic: 2433  Message: 2435

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@h...>
wrote:
> Aloha All,
> I got my first 850 on friday (my 50th birthday) :-) WOW it's really
> clean and works Great. My first contact with it was with GI3DZE in
> Belfast who gave me a S7 and Great audio. I couldn't ask for more
> except the power out is around 85w. This fine rig replaces my 830
that
> died. I know I will be a Happy Camper with this Fine rig.
> 73, Roland AH6RR

Congratulations Roland,

You will have a lot of fun with your 850. I just got rid of my third 850, am downsizing a wee bit and going back to another 706MKII, which will be my 4th! I really should make up my mind, but I like the idea of having HF, 6m and 2m all in one rig. Not too much 70cm activity here in my town so I won't be missing anything. Sure am going to miss the 850, but who knows I may end up with another someday.

Bill has some good advice on the power setting on the radio. While your in there if you have a good watt meter in line calibrate your power output meter as well. It is down in the row of 4 trimmers towards the front of the radio on the right hand side of the RF board. I believe it is labelled PWM.

Max

# 2436. Re: [TS-850_450_690] Re: Got my first 850 8/27/04

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-30 13:31:05 UTC
From: Bill K0ZL
Topic: 2433  Message: 2436

Hey Max, most of the 850's out of the factory are
right on with the power meter. I use the 850 to
calibrate my wattmeter, not the other way around, hi!

b

--- Max <ve3tmt@...> wrote:

> --- In TS-850_450_690@yahoogroups.com, "ah6rr1"
> <Toesonnose@h...>
> wrote:
> > Aloha All,
> > I got my first 850 on friday (my 50th birthday)
> :-) WOW it's really
> > clean and works Great. My first contact with it
> was with GI3DZE in
> > Belfast who gave me a S7 and Great audio. I
> couldn't ask for more
> > except the power out is around 85w. This fine rig
> replaces my 830
> that
> > died. I know I will be a Happy Camper with this
> Fine rig.
> > 73, Roland AH6RR
>
> Congratulations Roland,
>
> You will have a lot of fun with your 850. I just
> got rid of my third
> 850, am downsizing a wee bit and going back to
> another 706MKII, which
> will be my 4th! I really should make up my mind,
> but I like the idea
> of having HF, 6m and 2m all in one rig. Not too much
> 70cm activity
> here in my town so I won't be missing anything.
> Sure am going to
> miss the 850, but who knows I may end up with
> another someday.
>
> Bill has some good advice on the power setting on
> the radio. While
> your in there if you have a good watt meter in line
> calibrate your
> power output meter as well. It is down in the row
> of 4 trimmers

> towards the front of the radio on the right hand
> side of the RF
> board. I believe it is labelled PWM.
>
> Max
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2437. Display problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-30 18:30:17 UTC
From: waltershaddai
Topic: 2437  Message: 2437

Hi!;

This is Walter from Argentina, I have a Kenwood TS140S without display, damaged due to a power supply failure. I´know!, this site is not for 140 but it´s mine rig and need yours help to be an HAM radio online again!, help me please!.
I have replaced the IC (upd6300), no datasheet available!, now works, I see the pulses in the osciloscope. But also is damaged the DC-DCE module (CPS1175) and I don´t have info about it, I need information about one transistor in that module called ML06 (possible PNP...) and a diode in the upper side of the converter board, I need to know about it, the diode!!!.
Any help are welcomed, thanks so much!

Walter Guerrero, LW2DGW
Mar del Plata
Argentina

# 2438. Noise blanker mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-30 18:41:12 UTC
From: merckxist
Topic: 252  Message: 2438

I finally got around to doing the noise blanker mod on my TS-850.I have to say that it definitely helped.But, don't you know, that almost as soon as I had finished the mod, and checked the rig out, the noise that had been giving me fits for the last couple of months just disappeared.I'm not complaining, I hope it stays gone.It must be the same rule as in motorcycling: leave your rainsuit behind, and you will surely get rained on.One thing that I found when doing the mod, the capacitors to be removed, were glued to the board, as well as soldered.So, the mod was more difficult than anticipated.
Al
KJ5GT

# 2439. Good site for TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-30 18:57:35 UTC
From: waltershaddai
Topic: 2439  Message: 2439

Here you have very good info and service manual for the TS850:

http://tk5ep.free.fr/tech/ts850/ts850_g.htm

another good place:

http://n6tr.jzap.com/850repair.html

73´s

Walter Guerrero, LW2DGW
Mar del Plata
Argentina

# 2440. Re: [TS-850_450_690] Noise blanker mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-30 20:58:48 UTC
From: Bill K0ZL
Topic: 252  Message: 2440

When I do these, I also remove the DC-DC converter board and put in an 11 pin inline socket, made from a clipped 24 pin DIP socket. This makes the DC-DC converter module easily replaceable by the owner.

Just a suggestion.

If you are having no troubles with your ALC fluctuating on carrier, no worries then.

73,

bill

--- merckxist <kj5gt@...> wrote:

> I finally got around to doing the noise blanker mod
> on my TS-850.I
> have to say that it definitely helped.But, don't you
> know, that almost
> as soon as I had finished the mod, and checked the
> rig out, the noise
> that had been giving me fits for the last couple of
> months just
> disappeared.I'm not complaining, I hope it stays
> gone.It must be the
> same rule as in motorcycling: leave your rainsuit
> behind, and you will
> surely get rained on.One thing that I found when
> doing the mod, the
> capacitors to be removed, were glued to the board,
> as well as
> soldered.So, the mod was more difficult than
> anticipated.
> Al
> KJ5GT
>
>

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# 2441. Re: [TS-850_450_690] Good site for TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-30 20:59:13 UTC
From: Bill K0ZL
Topic: 2439  Message: 2441

Thanks Walter!

b

--- waltershaddai <walter@...> wrote:

> Here you have very good info and service manual for
> the TS850:
>
> http://tk5ep.free.fr/tech/ts850/ts850_g.htm
>
> another good place:
>
> http://n6tr.jzap.com/850repair.html
>
> 73?s
>
> Walter Guerrero, LW2DGW
> Mar del Plata
> Argentina
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2442. More useful information

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-31 00:39:32 UTC
From: waltershaddai
Topic: 2442  Message: 2442

ftp://193.233.9.196/pub/hamradio/schemes/kenwood/
http://www.radiomods.co.nz/kenwood/kenwoodmodspage.html
http://www.upei.ca/~seeler/ts690text.html

73´s from Walter
LW2DGW
Mar del Plata
Argentina

# 2443. Re: [TS-850_450_690] More useful information

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-08-31 02:18:24 UTC
From: Bill K0ZL
Topic: 2442  Message: 2443

Walter, those are very useful links.

Could I encourage you to put them in the group's LINKS
section, so that others may use them, even if they
join the group later?

That would be very helpful!

Thanks and 73!

Bill K0ZL

--- waltershaddai <walter@...> wrote:

> ftp://193.233.9.196/pub/hamradio/schemes/kenwood/
>
http://www.radiomods.co.nz/kenwood/kenwoodmodspage.html
> http://www.upei.ca/~seeler/ts690text.html
>
> 73?s from Walter
> LW2DGW
> Mar del Plata
> Argentina
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2444. Re: More useful information

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-01 18:18:14 UTC
From: waltershaddai
Topic: 2442  Message: 2444

Bill:

Very good idea, all done!, thanks so much!.

Walter, LW2DGW

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> Walter, those are very useful links.
>
> Could I encourage you to put them in the group's LINKS
> section, so that others may use them, even if they
> join the group later?
>
> That would be very helpful!
>
> Thanks and 73!
>
> Bill K0ZL

# 2445. Re: [TS-850_450_690] Re: More useful information

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-01 23:42:33 UTC
From: Bill K0ZL
Topic: 2442  Message: 2445

Thanks, Walter.

Bill

--- waltershaddai <walter@...> wrote:

> Bill:
>
> Very good idea, all done!, thanks so much!.
>
> Walter, LW2DGW
>

=====

"If in doubt, MODIFY" --k0zl

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# 2446. ts-450s problems with tuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-02 15:24:28 UTC
From: Jimmy
Topic: 2446  Message: 2446

I need help on discovering what happened to my ts-450s.
I turned the rig on and had it hooked up to a dummy load and hit the
tune button, the rig tuned up and the tune light
went out and then it would not operate again.
I have done a sys reset but the I do not see or hear anything happening
with the tuner
any info would be appreciated.

Jimmy ad5it
ad5it@...

# 2447. problem with ts-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-02 15:29:14 UTC
From: Jimmy
Topic: 2447  Message: 2447

Sorry about that I ment to say that the tuner is not operating and that
the radio is operating fine
Just the tuner is not.

Jimmy ad5it
ad5it@...

# 2448. Re: problem with ts-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-02 15:57:29 UTC
From: Steve
Topic: 2447  Message: 2448

Check the memory battery for leakage. Most likely if it's leaked,
it's ate the trace for the ATU.

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, Jimmy <ad5it@a...> wrote:
> Sorry about that I ment to say that the tuner is not operating and
that
> the radio is operating fine
> Just the tuner is not.
>
>
> Jimmy
ad5it
> ad5it@a...

# 2449. Re: [TS-850_450_690] ts-450s problems with tuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-02 17:15:08 UTC
From: Bill K0ZL
Topic: 2446  Message: 2449

Jimmy,

Under the memory battery is a tiny pc board trace that
feeds 12 volts to the tuner. It might be damaged with
corrosion from the memory battery. you should be able
to see some fluffy white junk on the board or on the
battery, underneath the battery. If that is the case,
you will need to replace the memory battery and repair
the board.

bill

--- Jimmy <ad5it@...> wrote:

> I need help on discovering what happened to my
> ts-450s.
> I turned the rig on and had it hooked up to a dummy
> load and hit the
> tune button, the rig tuned up and the tune light
> went out and then it would not operate again.
> I have done a sys reset but the I do not see or hear
> anything happening
> with the tuner
> any info would be appreciated.
>
>
>
> Jimmy ad5it
> ad5it@...
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2450. Re: Re: [TS-850_450_690] ts-450s problems with tuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-02 21:29:30 UTC
From: Alberto Rojas
Topic: 2446  Message: 2450

.. or solder a jumper cable in order to feed 12 Volts to ATU

73's

Alberto YV3EDO (from Hou, TX)

---------- Mensaje Original ----------

De: Bill K0ZL [coorsbill@...]
Para: TS-850_450_690@yahoogroups.com [TS-850_450_690@yahoogroups.com]
Cc:
Asunto: Re: [TS-850_450_690] ts-450s problems with tuner
Fecha: 02/09/2004 13:09:37
Mensaje:

Jimmy,

Under the memory battery is a tiny pc board trace that
feeds 12 volts to the tuner. It might be damaged with
corrosion from the memory battery. you should be able
to see some fluffy white junk on the board or on the
battery, underneath the battery. If that is the case,
you will need to replace the memory battery and repair
the board.

bill

--- Jimmy <ad5it@...> wrote:

> I need help on discovering what happened to my
> ts-450s.
> I turned the rig on and had it hooked up to a dummy
> load and hit the
> tune button, the rig tuned up and the tune light
> went out and then it would not operate again.
> I have done a sys reset but the I do not see or hear
> anything happening
> with the tuner
> any info would be appreciated.
>
>
>
> Jimmy ad5it
> ad5it@...
>
>

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THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 2451. anyone installed an ADSP2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-04 14:02:44 UTC
From: timhoy
Topic: 2451  Message: 2451

Hi all,
Anyone installed the SGC ADSP2 LO board in the 850?
Tim, K6CA

# 2452. Re: anyone installed an ADSP2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-04 15:44:38 UTC
From: Max
Topic: 2451  Message: 2452

--- In TS-850_450_690@yahoogroups.com, "timhoy" <timhoy@y...> wrote:
> Hi all,
> Anyone installed the SGC ADSP2 LO board in the 850?
> Tim, K6CA

Tim,

I was going to undertake such a project, however I no longer have the 850.

Max

# 2453. Looking for DSA301LA Sourge Absorber

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-06 18:19:01 UTC
From: Riccardo
Topic: 2453  Message: 2453

Hello, i am looking for one or more DSA301LA Sourge Absorber to
replace the broken one on my Kenwood 850.
I'd like to buy 3 : one for replacement plus a couple for spare...
Anyone can plese suggest me a place where i can buy some of them
without spending too much money ?

Thank you,
Riccardo IK5WQO

# 2454. Low RX/TX above 30m

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-06 18:20:22 UTC
From: Ron
Topic: 2454  Message: 2454

Hi All,

I am Ron/4S7RO from Sri Lanka and have just come aboard!

I have a Ser no. 21xxxx KW 850S and have a problem with RX sensitivity on bands above 30m. I also notice that my ALC metering doesn't work on bands above 30m and the TX output is also low. Is this the problem with the 74LS145 chip?

Also, wher do I order the short coax jumpers that connect the "CN" connectors from the various other boards to the RF board etc? I have a faulty one that is best replaced. None found in these parts!

I bought mine from a K0 in Greenbay, Wi and have had problems from day1. First the DSS went Southa and then Q47 (a switching transistor) went bust. I couldn't find one in this country so I used one from a computer HDD!!!

I also found a stranger problem which resulted in 160w on 40m, but it went away after I juggled with the ribbon cables. I have no clue which one it was!

73,
Ron, 4S7RO

_____
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[Non-text portions of this message have been removed]

# 2455. Re: Looking for DSA301LA Sourge Absorber

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-06 19:20:31 UTC
From: Roy Sakabu
Topic: 2453  Message: 2455

East Coast Transistor carries them:
www.kenwoodparts.com

DSA301LA DIODE TS-450S MAT-100 $14.35

So does Pacific Coast Parts
www.pacparts.com

Same price.

Part Number: DSA301LA
Description: SURGE ABSORBER(V3)
Price: $14.35

73
Roy
AD6ZU

--- In TS-850_450_690@yahoogroups.com, "Riccardo" <ik5wqo@y...> wrote:
> Hello, i am looking for one or more DSA301LA Sourge Absorber to
> replace the broken one on my Kenwood 850.
> I'd like to buy 3 : one for replacement plus a couple for spare...
> Anyone can plese suggest me a place where i can buy some of them
> without spending too much money ?
>
> Thank you,
> Riccardo IK5WQO

# 2456. Re: [TS-850_450_690] Re: Looking for DSA301LA Sourge Absorber

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-06 20:00:06 UTC
From: ik5wqo
Topic: 2453  Message: 2456

Thank you very much Roy !

73 de Riccardo IK5WQO

----- Original Message -----
From: "Roy Sakabu" <rsakabu@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, September 06, 2004 9:20 PM
Subject: [TS-850_450_690] Re: Looking for DSA301LA Sourge Absorber

> East Coast Transistor carries them:
> www.kenwoodparts.com
>
> DSA301LA DIODE TS-450S MAT-100 $14.35
>
>
> So does Pacific Coast Parts
> www.pacparts.com
>
> Same price.
>
> Part Number: DSA301LA
> Description: SURGE ABSORBER(V3)
> Price: $14.35
>
> 73
> Roy
> AD6ZU

# 2457. Re: [TS-850_450_690] Looking for DSA301LA Sourge Absorber

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-07 03:01:28 UTC
From: Bill K0ZL
Topic: 2453  Message: 2457

Ricardo, Icom sells these for about $6.00 in the US,
they are Icom part number 7540000010

You should also put a 1 or 2.2 mHy pi-wound choke in
parallel with the surge absorber; this will help them
last longer.

73,

Bill K0ZL

--- Riccardo <ik5wqo@...> wrote:

> Hello, i am looking for one or more DSA301LA Sourge
> Absorber to
> replace the broken one on my Kenwood 850.
> I'd like to buy 3 : one for replacement plus a
> couple for spare...
> Anyone can plese suggest me a place where i can buy
> some of them
> without spending too much money ?
>
> Thank you,
> Riccardo IK5WQO
>
>

=====

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# 2458. Re: [TS-850_450_690] Looking for DSA301LA Sourge Absorber

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-07 05:23:23 UTC
From: ik5wqo
Topic: 2453  Message: 2458

Thank you very much, Bill!
Are those the exact same components as Kenwood ?
Ok for the choke!

Thank you,
73 de Riccardo IK5WQO

----- Original Message -----
From: "Bill K0ZL" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, September 07, 2004 5:01 AM
Subject: Re: [TS-850_450_690] Looking for DSA301LA Sourge Absorber

> Ricardo, Icom sells these for about $6.00 in the US,
> they are Icom part number 7540000010
>
> You should also put a 1 or 2.2 mHy pi-wound choke in
> parallel with the surge absorber; this will help them
> last longer.
>
> 73,
>
> Bill K0ZL
>
> --- Riccardo <ik5wqo@...> wrote:
>
> > Hello, i am looking for one or more DSA301LA Sourge
> > Absorber to
> > replace the broken one on my Kenwood 850.
> > I'd like to buy 3 : one for replacement plus a
> > couple for spare...
> > Anyone can plese suggest me a place where i can buy
> > some of them
> > without spending too much money ?
> >
> > Thank you,
> > Riccardo IK5WQO
> >
> >
>
>
> =====
>
> "If in doubt, MODIFY" --k0zl
>
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>
> THANKS FOR USING TS-850_450_690@...
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>
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> ---
------
> Yahoo! Groups Links
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> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>

# 2459. Re: [TS-850_450_690] Looking for DSA301LA Sourge Absorber

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-07 14:23:29 UTC
From: Ron
Topic: 2453  Message: 2459

I am just checking access. I sent a pretty innocent message yesterday, asking for help with my 850 but it got filtered! Have no idea why. Am I to say Sayonara and bow out?!

73,
Ron, 4S7RO

Bill K0ZL <coorsbill@...> wrote:
Ricardo, Icom sells these for about $6.00 in the US,
they are Icom part number 7540000010

You should also put a 1 or 2.2 mHy pi-wound choke in
parallel with the surge absorber; this will help them
last longer.

73,

Bill K0ZL

--- Riccardo <ik5wqo@...> wrote:

> Hello, i am looking for one or more DSA301LA Sourge
> Absorber to
> replace the broken one on my Kenwood 850.
> I'd like to buy 3 : one for replacement plus a
> couple for spare...
> Anyone can plese suggest me a place where i can buy
> some of them
> without spending too much money ?
>
> Thank you,
> Riccardo IK5WQO
>
>

=====

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Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

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---
Do you Yahoo!?
Yahoo! Mail Address AutoComplete - You start. We finish.

[Non-text portions of this message have been removed]

# 2461. Re: Filtered message

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-07 19:30:56 UTC
From: Max
Topic: 2453  Message: 2461

--- In TS-850_450_690@yahoogroups.com, Ron <sparkrohan@y...> wrote:
> I am just checking access. I sent a pretty innocent message
yesterday, asking for help with my 850 but it got filtered! Have no
idea why. Am I to say Sayonara and bow out?!
>
> 73,
> Ron, 4S7RO

Ron,

I saw your original message (# 2454) and it odesn't look filtered to
me? Is something missing out of what you sent in?

# 2462. Re: [TS-850_450_690] Looking for DSA301LA Sourge Absorber

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-08 03:04:22 UTC
From: Bill K0ZL
Topic: 2453  Message: 2462

Yes, same part

--- ik5wqo <ik5wqo@...> wrote:

> Thank you very much, Bill!
> Are those the exact same components as Kenwood ?
> Ok for the choke!
>
> Thank you,
> 73 de Riccardo IK5WQO
>
>
>
> ----- Original Message -----
> From: "Bill K0ZL" <coorsbill@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Tuesday, September 07, 2004 5:01 AM
> Subject: Re: [TS-850_450_690] Looking for DSA301LA
> Sourge Absorber
>
>
> > Ricardo, Icom sells these for about $6.00 in the
> US,
> > they are Icom part number 7540000010
> >
> > You should also put a 1 or 2.2 mHy pi-wound choke
> in
> > parallel with the surge absorber; this will help
> them
> > last longer.
> >
> > 73,
> >
> > Bill K0ZL
> >
> > --- Riccardo <ik5wqo@...> wrote:
> >
> > > Hello, i am looking for one or more DSA301LA
> Sourge
> > > Absorber to
> > > replace the broken one on my Kenwood 850.
> > > I'd like to buy 3 : one for replacement plus a
> > > couple for spare...
> > > Anyone can plese suggest me a place where i can
> buy

> > > some of them
> > > without spending too much money ?
> > >
> > > Thank you,
> > > Riccardo IK5WQO
> > >
> > >
> >
> >
> > =====
> >
> > "If in doubt, MODIFY" --k0zl
> >
> > Need a tech? See our website
> www.amateur-repairs.com
> >
> >
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> >
> >
> > _____
> > Do you Yahoo!?
> > Yahoo! Mail is new and improved - Check it out!
> > http://promotions.yahoo.com/new_mail
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> >
> >
> > Yahoo! Groups Sponsor
> >
> > Get unlimited calls to
> >
> > U.S./Canada
> >
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>
---
> ------
> > Yahoo! Groups Links
> >
> > a.. To visit your group on the web, go to:
> > http://groups.yahoo.com/group/TS-850_450_690/
> >
> > b.. To unsubscribe from this group, send an
> email to:

> > TS-850_450_690-unsubscribe@yahoogroups.com
> >
> > c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
> >
> >
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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---------------------------------
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http://promotions.yahoo.com/new_mail

# 2463. Re: [TS-850_450_690] Looking for DSA301LA Sourge Absorber

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-08 03:14:58 UTC
From: Bill K0ZL
Topic: 2453  Message: 2463

If it got rejected, it was a mistake, sorry.

Have not had to reject a message on this group since
the group began, so yours would have been the first...

What's the prob?

73

Bill K0ZL

--- Ron <sparkrohan@...> wrote:

> I am just checking access. I sent a pretty innocent
> message yesterday, asking for help with my 850 but
> it got filtered! Have no idea why. Am I to say
> Sayonara and bow out?!
>
> 73,
> Ron, 4S7RO
>
> Bill K0ZL <coorsbill@...> wrote:
> Ricardo, Icom sells these for about $6.00 in the US,
> they are Icom part number 7540000010
>
> You should also put a 1 or 2.2 mHy pi-wound choke in
> parallel with the surge absorber; this will help
> them
> last longer.
>
> 73,
>
> Bill K0ZL
>
> --- Riccardo <ik5wqo@...> wrote:
>
> > Hello, i am looking for one or more DSA301LA
> Sourge
> > Absorber to
> > replace the broken one on my Kenwood 850.
> > I'd like to buy 3 : one for replacement plus a
> > couple for spare...
> > Anyone can plese suggest me a place where i can
> buy
> > some of them
> > without spending too much money ?

> >
> > Thank you,
> > Riccardo IK5WQO
> >
> >
>
>
> =====
>
> "If in doubt, MODIFY" --k0zl
>
> Need a tech? See our website www.amateur-repairs.com
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> _____
> Do you Yahoo!?
> Yahoo! Mail is new and improved - Check it out!
> http://promotions.yahoo.com/new_mail
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
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> U.S./Canada
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>
> ---
> Yahoo! Groups Links
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> To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
>
>
>
> ---
> Do you Yahoo!?

> Yahoo! Mail Address AutoComplete - You start. We
> finish.
>
> [Non-text portions of this message have been
> removed]
>
>

=====

"If in doubt, MODIFY" --k0zl

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---------------------------------
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# 2464. Re: [TS-850_450_690] Re: Filtered message

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-08 04:31:35 UTC
From: Ron
Topic: 2453  Message: 2464

Thanks Max and others who responded saying my original message came through. The funny thing is that it never showed up in my box!

Wasn't meant in poor taste. Just wondering if I had access.

Any help with the original mail would be appreciated though!

73,
Ron
Max <ve3tmt@...> wrote:
--- In TS-850_450_690@yahoogroups.com, Ron <sparkrohan@y...> wrote:
> I am just checking access. I sent a pretty innocent message
yesterday, asking for help with my 850 but it got filtered! Have no
idea why. Am I to say Sayonara and bow out?!
>
> 73,
> Ron, 4S7RO

Ron,

I saw your original message (# 2454) and it odesn't look filtered to
me? Is something missing out of what you sent in?

THANKS FOR USING TS-850_450_690@...

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---
Do you Yahoo!?
Yahoo! Mail is new and improved - Check it out!

[Non-text portions of this message have been removed]

# 2465. Re: [TS-850_450_690] Looking for DSA301LA Sourge Absorber

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-08 05:05:25 UTC
From: ik5wqo
Topic: 2453  Message: 2465

Very good, i'll order @ Icom :-)

73 de Riccardo IK5WQO

----- Original Message -----
From: "Bill K0ZL" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, September 08, 2004 5:04 AM
Subject: Re: [TS-850_450_690] Looking for DSA301LA Sourge Absorber

> Yes, same part
>
>
> --- ik5wqo <ik5wqo@...> wrote:
>
> > Thank you very much, Bill!
> > Are those the exact same components as Kenwood ?
> > Ok for the choke!
> >
> > Thank you,
> > 73 de Riccardo IK5WQO
> >
> >
> >
> > ----- Original Message -----
> > From: "Bill K0ZL" <coorsbill@...>
> > To: <TS-850_450_690@yahoogroups.com>
> > Sent: Tuesday, September 07, 2004 5:01 AM
> > Subject: Re: [TS-850_450_690] Looking for DSA301LA
> > Sourge Absorber
> >
> >
> > > Ricardo, Icom sells these for about $6.00 in the
> > US,
> > > they are Icom part number 7540000010
> > >
> > > You should also put a 1 or 2.2 mHy pi-wound choke
> > in
> > > parallel with the surge absorber; this will help
> > them
> > > last longer.
> > >
> > > 73,
> > >
> > > Bill K0ZL
> > >

> > > --- Riccardo <ik5wqo@...> wrote:
> > >
> > > > Hello, i am looking for one or more DSA301LA
> > Sourge
> > > > Absorber to
> > > > replace the broken one on my Kenwood 850.
> > > > I'd like to buy 3 : one for replacement plus a
> > > > couple for spare...
> > > > Anyone can plese suggest me a place where i can
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> > > >
> > > > Thank you,
> > > > Riccardo IK5WQO
> > > >
> > > >
> > >
> > >
> > > =====
> > >
> > > "If in doubt, MODIFY" --k0zl
> > >
> > > Need a tech? See our website
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> > > _____________________________________
> > > Do you Yahoo!?
> > > Yahoo! Mail is new and improved - Check it out!
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> > >
> > > THANKS FOR USING TS-850_450_690@...
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> ------------------------------------------------------------------------
> > ------
> > > Yahoo! Groups Links
> > >
> > > a.. To visit your group on the web, go to:
> > > http://groups.yahoo.com/group/TS-850_450_690/
> > >
> > > b.. To unsubscribe from this group, send an
> > email to:
> > > TS-850_450_690-unsubscribe@yahoogroups.com
> > >
> > > c.. Your use of Yahoo! Groups is subject to the
> > Yahoo! Terms of Service.
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> =====
>
> "If in doubt, MODIFY" --k0zl
>
> Need a tech? See our website www.amateur-repairs.com
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> _____________________________________
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> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>

# 2466. TS-850 - Finals???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-08 18:31:07 UTC
From: yv5mbx
Topic: 2466  Message: 2466

I need to know the aprox. price of the final transistors of the TS-850 and were may I purchase in the States.

73's de Javier
yv5mbx

# 2467. Re: TS-850 - Finals???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-08 19:18:19 UTC
From: Max
Topic: 2466  Message: 2467

--- In TS-850_450_690@yahoogroups.com, "yv5mbx" <yv5mbx@a...> wrote:
> I need to know the aprox. price of the final transistors of the TS-
> 850 and were may I purchase in the States.
>
> 73's de Javier
> yv5mbx

East Coast Transistor www.kenwoodparts.com

2SC2879(O,Y) FINAL TR TS-50S TS-60S TS-140 TS-680S TS-850S TKM-707

$45.00 each.

Max

# 2468. Re: [TS-850_450_690] TS-850 - Finals???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-09 14:22:02 UTC
From: Bill K0ZL
Topic: 2466  Message: 2468

http://www.westgateparts.com/cgi-bin/listproduct.cgi?product=transistor&picture=1&ntName=1&item=TRANSISTORS&pcs=1

2sc2879, qty 2 at $15.95 each, plus shipping

73,

Bill

--- yv5mbx <yv5mbx@...> wrote:

> I need to know the aprox. price of the final
> transistors of the TS-
> 850 and were may I purchase in the States.
>
> 73's de Javier
> yv5mbx
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2469. Re: [TS-850_450_690] Re: TS-850 - Finals???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-09 14:22:29 UTC
From: Bill K0ZL
Topic: 2466  Message: 2469

Max, you sure that isn't for a pair?

b

--- Max <ve3tmt@...> wrote:

> --- In TS-850_450_690@yahoogroups.com, "yv5mbx"
> <yv5mbx@a...> wrote:
> > I need to know the aprox. price of the final
> transistors of the TS-
> > 850 and were may I purchase in the States.
> >
> > 73's de Javier
> > yv5mbx
>
> East Coast Transistor www.kenwoodparts.com
>
> 2SC2879(O,Y) FINAL TR TS-50S TS-60S TS-140
> TS-680S TS-850S TKM-707
>
> $45.00 each.
>
> Max
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2470. Re: TS-850 - Finals???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-09 15:02:33 UTC
From: Max
Topic: 2466  Message: 2470

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Max, you sure that isn't for a pair?
>
> b

Not sure Bill, they did show $45.00 May have been for the pair.

Max

# 2471. Deaf TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-11 15:03:58 UTC
From: vladyro
Topic: 2471  Message: 2471

Hello,I recetly bought a second hand TS-450S and it works fine except in SSB.When I transmit it gets only 50W even if I turn on the proc., the MIC gain to maximum and the antena tuner turned off on an antenna with 1/1.2 SWR.The microphone is MC-43 but it works fine as I tested it on my old TS-50.I also tested other microphones but same result.On the other modes it puts out 100W without any problem.The rx is OK and the antenna tuner works fine.

Maybe you could give some advice as I don't know what should I adjust...

TNX YO2LZP

Vlad

# 2472. Re: [TS-850_450_690] Deaf TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-11 16:45:25 UTC
From: Sarge
Topic: 2471  Message: 2472

I take it you adjusted the power and carrier knobs properly?

> Hello,I recetly bought a second hand TS-450S and it works fine
> except in SSB.When I transmit it gets only 50W even if I turn on the
> proc., the MIC gain to maximum and the antena tuner turned off on an
> antenna with 1/1.2 SWR.The microphone is MC-43 but it works fine as I
> tested it on my old TS-50.I also tested other microphones but same
> result.On the other modes it puts out 100W without any problem.The rx
> is OK and the antenna tuner works fine.
>
> Maybe you could give some advice as I don't know what should I
> adjust...
>
> TNX YO2LZP
>
> Vlad
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>

# 2473. TS-850S/AT receiver noisy?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-11 17:41:07 UTC
From: ik5wqo
Topic: 2473  Message: 2473

Hello, i am curious about opinions about Kenwood 850 receiver : compared to today's receivers, do you consider it noisy ?

I am comparing my TS-850S/AT with my Yaesu FT-100d, both using the same antenna, and little Yaesu's reception often seems to be much more clear and without background noise.
Of course i am not using DSP on none of the rigs, and i am not using AIP or ATT .

What do you think about it ? It's normal?

The antenna i am using is an indoor, attic-mounted, multiband dipole (i know, maybe an external antenna would be much better !!!).
I have also tested both with an external long wire, and i have had the same impression.

Your opinion?

Thank you,
73 de Riccardo IK5WQO

# 2474. TS-450 memory battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-11 20:27:17 UTC
From: Frederick Van Veen
Topic: 2474  Message: 2474

Bought a 450 on eBay a year ago, and it works absolutely perfectly, so I'm not looking for trouble. But I hear horror stories about battery corrosion, and am wondering whether I can tell if the battery is corroding without tearing the rig apart. Specifically, does proper operation of the memory function mean there's no corrosion? In other words, will the battery fail before it starts leaking? The previous owner has no idea whether the battery was ever replaced, and of course the rig has to be at least 10 years old. Any thoughts on this?
73 from Fred

# 2475. Re: [TS-850_450_690] TS-850S/AT receiver noisy?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-11 21:56:58 UTC
From: Eric
Topic: 2473  Message: 2475

I agree with you Riccardo, it is a noisy receiver. Filtering does help, but after an hour or more of listening it gets real tiring. I also had the 100d and the 850 appears slightly nosier, but not as hot of a receiver. The Kenwood ts-2000 is slightly better, but not much. I think it is Kenwood's trademark. I have the DSP-100 for the 850 and that makes it an awesome receiver---clears up the noise and makes it comparable to the current transceivers

Eric
----- Original Message -----
From: ik5wqo
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, September 11, 2004 12:41 PM
Subject: [TS-850_450_690] TS-850S/AT receiver noisy?

Hello, i am curious about opinions about Kenwood 850 receiver : compared to today's receivers, do you consider it noisy ?

I am comparing my TS-850S/AT with my Yaesu FT-100d, both using the same antenna, and little Yaesu's reception often seems to be much more clear and without background noise.
Of course i am not using DSP on none of the rigs, and i am not using AIP or ATT .

What do you think about it ? It's normal?

The antenna i am using is an indoor, attic-mounted, multiband dipole (i know, maybe an external antenna would be much better !!!).
I have also tested both with an external long wire, and i have had the same impression.

Your opinion?

Thank you,
73 de Riccardo IK5WQO

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[Non-text portions of this message have been removed]

# 2476. Re: [TS-850_450_690] TS-850S/AT receiver noisy?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-11 22:18:52 UTC
From: ik5wqo
Topic: 2473  Message: 2476

Thanks Eric.
So do you suggest to buy a DSP-100 to reduce this KW 850 problem? It is worth the cost?
Is this DSP working fine also on little signals, or clean "too much" ?
IMHO the Yaesu FT-100d dsp is good, but not so useful on little signals (when it's mostly necessary a better reception...)

Thank you,
73 de Riccardo IK5WQO

----- Original Message -----
From: "Eric" <ejhinz@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, September 11, 2004 11:56 PM
Subject: Re: [TS-850_450_690] TS-850S/AT receiver noisy?

> I agree with you Riccardo, it is a noisy receiver. Filtering does help, but after an hour or more of listening it gets real tiring. I also had the 100d and the 850 appears slightly nosier, but not as hot of a receiver. The Kenwood ts-2000 is slightly better, but not much. I think it is Kenwood's trademark. I have the DSP-100 for the 850 and that makes it an awesome receiver---clears up the noise and makes it comparable to the current transceivers
> 
> Eric
> ----- Original Message -----
> From: ik5wqo
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, September 11, 2004 12:41 PM
> Subject: [TS-850_450_690] TS-850S/AT receiver noisy?
> 
> 
> Hello, i am curious about opinions about Kenwood 850 receiver : compared to
> today's receivers, do you consider it noisy ?
> 
> I am comparing my TS-850S/AT with my Yaesu FT-100d, both using the same
> antenna, and little Yaesu's reception often seems to be much more clear and
> without background noise.
> Of course i am not using DSP on none of the rigs, and i am not using AIP or
> ATT .
> 
> What do you think about it ? It's normal?
> 

> The antenna i am using is an indoor, attic-mounted, multiband dipole (i
> know, maybe an external antenna would be much better !!!).
> I have also tested both with an external long wire, and i have had the
same
> impression.
>
> Your opinion?
>
> Thank you,
> 73 de Riccardo IK5WQO
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
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> ---
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> Yahoo! Groups Links
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> a.. To visit your group on the web, go to:
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>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
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>
> [Non-text portions of this message have been removed]
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>
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> Yahoo! Groups Links
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>
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>
>

# 2477. Re: TS-450 memory battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-12 05:20:47 UTC
From: Steve
Topic: 2474  Message: 2477

I would check it. I bought my 450 in 1994 brand new from AES and has never given any hint of trouble, but a year ago I got curious and checked it. Sure enough, mine had just started to leak and ate the trace for the ATU in half before I caught it. So it can still leak and show no failure symptoms whatsoever.

Checking it is not that difficult to do...probably 45 minutes total, and even if nothing's wrong, it will at least put your mind at ease.

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, Frederick Van Veen <fred.grb@v...> wrote:
> Bought a 450 on eBay a year ago, and it works absolutely perfectly, so
> I'm not looking for trouble. But I hear horror stories about battery
> corrosion, and am wondering whether I can tell if the battery is
> corroding without tearing the rig apart. Specifically, does proper
> operation of the memory function mean there's no corrosion? In other
> words, will the battery fail before it starts leaking? The previous
> owner has no idea whether the battery was ever replaced, and of course
> the rig has to be at least 10 years old. Any thoughts on this?
> 73 from Fred

# 2478. Re: [TS-850_450_690] TS-850S/AT receiver noisy?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-12 13:12:24 UTC
From: ik5wqo
Topic: 2473  Message: 2478

Another good question : can i use AT THE SAME TIME a DSP-100 and an IF-232c on my Kenwood TS-850S/AT, or can i use just one at time???
I'd like to have a better received signal, but i don't want to loose the CAT control!!!

Thank you,
73 de Riccardo IK5WQO

----- Original Message -----
From: "Eric" <ejhinz@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, September 11, 2004 11:56 PM
Subject: Re: [TS-850_450_690] TS-850S/AT receiver noisy?

> I agree with you Riccardo, it is a noisy receiver. Filtering does help, but after an hour or more of listening it gets real tiring. I also had the 100d and the 850 appears slightly nosier, but not as hot of a receiver. The Kenwood ts-2000 is slightly better, but not much. I think it is Kenwood's trademark. I have the DSP-100 for the 850 and that makes it an awesome receiver---clears up the noise and makes it comparable to the current transceivers
>
> Eric

# 2479. Re: TS-450 memory battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-12 14:54:00 UTC
From: fredatgrb
Topic: 2474  Message: 2479

Thanks, Steve. Do you access the battery by removing the top or the bottom cover? And once the cover is off, is it necessary to remove a circuit board? It seems to me that if the battery needs replacement every five years, as the manual suggests, the Kenwood design team should have made it more accessible.
Thanks again and 73,
Fred
--- In TS-850_450_690@yahoogroups.com, "Steve" <smatda@y...> wrote:
> I would check it. I bought my 450 in 1994 brand new from AES and has
> never given any hint of trouble, but a year ago I got curious and
> checked it. Sure enough, mine had just started to leak and ate the
> trace for the ATU in half before I caught it. So it can still leak
> and show no failure symptoms whatsoever.
>
> Checking it is not that difficult to do...probably 45 minutes total,
> and even if nothing's wrong, it will at least put your mind at ease.
>
> Steve, KE4MOB
>
> --- In TS-850_450_690@yahoogroups.com, Frederick Van Veen
> <fred.grb@v...> wrote:
> > Bought a 450 on eBay a year ago, and it works absolutely perfectly,
> so
> > I'm not looking for trouble. But I hear horror stories about
> battery
> > > corrosion, and am wondering whether I can tell if the battery is
> > > corroding without tearing the rig apart. Specifically, does proper
> > > operation of the memory function mean there's no corrosion? In
> other
> > > words, will the battery fail before it starts leaking? The previous
> > > owner has no idea whether the battery was ever replaced, and of
> course
> > > the rig has to be at least 10 years old. Any thoughts on this?
> > > 73 from Fred

# 2480. Re: TS-450 memory battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-12 15:40:25 UTC
From: Steve
Topic: 2474  Message: 2480

Here's the complete procedure here:

http://www.geocities.com/lfnca/450bat/450sat_battery.htm

Many thanx to the original author.

I replaced mine by installing a battery holder I scarfed off an old motherboard I had lying around...was almost an exact fit!! Looks almost OEM!!

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "fredatgrb" <fredatgrb@y...> wrote:
> Thanks, Steve. Do you access the battery by removing the top or the bottom cover?
> And once the cover is off, is it necessary to remove a circuit board? It seems to me
> that if the battery needs replacement every five years, as the manual suggests, the
> Kenwood design team should have made it more accessible.
> Thanks again and 73,
> Fred
> --- In TS-850_450_690@yahoogroups.com, "Steve" <smatda@y...> wrote:
> > I would check it. I bought my 450 in 1994 brand new from AES and has
> > never given any hint of trouble, but a year ago I got curious and
> > checked it. Sure enough, mine had just started to leak and ate the
> > trace for the ATU in half before I caught it. So it can still leak
> > and show no failure symptoms whatsoever.
> >
> > Checking it is not that difficult to do...probably 45 minutes total,
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> >
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> > > Bought a 450 on eBay a year ago, and it works absolutely perfectly,
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> > > corroding without tearing the rig apart. Specifically, does
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> > other
> > > words, will the battery fail before it starts leaking? The
previous
> > > owner has no idea whether the battery was ever replaced, and of
> > course
> > > the rig has to be at least 10 years old. Any thoughts on this?
> > > 73 from Fred

# 2481. Re: [TS-850_450_690] TS-850S/AT receiver noisy?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-12 17:25:16 UTC
From: Eric
Topic: 2473  Message: 2481

Riccardo,

I was about to buy an 870 several weeks ago as they were/are out of production and from what I read and hear they are a hidden gem of an HF rig. It has built in IF dsp and great Kenwood audio (as does the 850). I weighed it against the 850/DSP-100 combo and decided against it. The DSP-100 adds dsp in the IF section too, but it is some of the early dsp that was released. I think it works well, but I am sure the newer rigs have more advanced dsp. The TS-2000 dsp is not any better than 850. I just read something yesterday at eham.net about dsp, and I have to agree with it through experience with the 850 in that what it really does is just quiet the receiver. As far as recommending a DSP-100? If I did not have one, I would have sold the 850 and went to 870 or Ten Tec Orion. Is it worth it to you to pay $450-$600 (US) for the unit? I thought it was if you enjoy the HF bands. They are occasionally available on ebay. The way I see it you have an excellent transceiver with analog/crystal filtering and if you have the DSP-100 you have digital too--the best of both worlds.

My station has been down for several months due to a move and other important things to ready (according to the xyl), but from what I recall about the dsp/850, you should be able to have your computer control (separate plugs) and dsp together.

On 'little/weak signals' is where the DSP-100 performs the best! It is digital filtering with, I believe 4 settings each on high and low end (two separate knobs) made to adjust to pull the signal out--different and better than 100d. Hope this helps.

KR9W,
Eric

----- Original Message -----
From: ik5wqo
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, September 11, 2004 5:18 PM
Subject: Re: [TS-850_450_690] TS-850S/AT receiver noisy?

Thanks Eric.
So do you suggest to buy a DSP-100 to reduce this KW 850 problem? It is
worth the cost?
Is this DSP working fine also on little signals, or clean "too much" ?
IMHO the Yaesu FT-100d dsp is good, but not so useful on little signals
(when it's mostly necessary a better reception...)

Thank you,
73 de Riccardo IK5WQO

----- Original Message -----
From: "Eric" <ejhinz@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, September 11, 2004 11:56 PM

Subject: Re: [TS-850_450_690] TS-850S/AT receiver noisy?

> I agree with you Riccardo, it is a noisy receiver. Filtering does help,
but after an hour or more of listening it gets real tiring. I also had the
100d and the 850 appears slightly nosier, but not as hot of a receiver. The
Kenwood ts-2000 is slightly better, but not much. I think it is Kenwood's
trademark. I have the DSP-100 for the 850 and that makes it an awesome
receiver---clears up the noise and makes it comparable to the current
transceivers
>
> Eric
> ----- Original Message -----
> From: ik5wqo
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, September 11, 2004 12:41 PM
> Subject: [TS-850_450_690] TS-850S/AT receiver noisy?
>
>
> Hello, i am curious about opinions about Kenwood 850 receiver : compared
to
> today's receivers, do you consider it noisy ?
>
> I am comparing my TS-850S/AT with my Yaesu FT-100d, both using the same
> antenna, and little Yaesu's reception often seems to be much more clear
and
> without background noise.
> Of course i am not using DSP on none of the rigs, and i am not using AIP
or
> ATT .
>
> What do you think about it ? It's normal?
>
> The antenna i am using is an indoor, attic-mounted, multiband dipole (i
> know, maybe an external antenna would be much better !!!).
> I have also tested both with an external long wire, and i have had the
same
> impression.
>
> Your opinion?
>
> Thank you,
> 73 de Riccardo IK5WQO
>
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[Non-text portions of this message have been removed]

# 2482. Re: [TS-850_450_690] TS-850S/AT receiver noisy?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-12 17:36:08 UTC
From: ik5wqo
Topic: 2473  Message: 2482

Thank you very much, Eric. I'll try to find out a used dsp-100, but i'll not be going to spend too much for it!!!
Of course a Kenwood 870 would be better, but i've found a used, good price 850 and i've bought it.
I added CW filter (used, 500 Hz @ 8,83 KHz), IF-232c (used), and replaced the "burned" DSA301LA surge protector.
Now it's just missing a more quiet receiver and that's it :-)
Ok also for DSP-100 & CAT, that's good.

Perfect about the small signals and dsp : it's what i am looking for, with big signals noise is not a problem :-)

Thank you,
73 de Riccardo IK5WQO
http://www.qsl.net/ik5wqo

----- Original Message -----
From: "Eric" <ejhinz@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, September 12, 2004 7:25 PM
Subject: Re: [TS-850_450_690] TS-850S/AT receiver noisy?

> Riccardo,
>
> I was about to buy an 870 several weeks ago as they were/are out of production and from what I read and hear they are a hidden gem of an HF rig. It has built in IF dsp and great Kenwood audio (as does the 850). I weighed it against the 850/DSP-100 combo and decided against it. The DSP-100 adds dsp in the IF section too, but it is some of the early dsp that was released. I think it works well, but I am sure the newer rigs have more advanced dsp. The TS-2000 dsp is not any better than 850. I just read something yesterday at eham.net about dsp, and I have to agree with it through experience with the 850 in that what it really does is just quiet the receiver. As far as recommending a DSP-100? If I did not have one, I would have sold the 850 and went to 870 or Ten Tec Orion. Is it worth it to you to pay $450-$600 (US) for the unit? I thought it was if you enjoy the HF bands. They are occasionally available on ebay. The way I see it you have an excellent transceiver with analog/crystal filtering and if you have the DSP-100 you have digital too--the best of both worlds.
>
> My station has been down for several months due to a move and other important things to ready (according to the xyl), but from what I recall about the dsp/850, you should be able to have your computer control (separate plugs) and dsp together.
>
> On 'little/weak signals' is where the DSP-100 performs the best! It is

digital filtering with, I believe 4 settings each on high and low end (two separate knobs) made to adjust to pull the signal out--different and better than 100d. Hope this helps.
>
> KR9W,
> Eric
>

# 2483. Re: TS-850S/AT receiver noisy?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-13 03:37:48 UTC
From: emailw8nf
Topic: 2473  Message: 2483

The TS-850 receiver is actually one of the quieter ones out there. However, Kenwood has some of the "normal" settings, well, just plain wrong.

The normal operation of the receiver should be with AIP ON. AIP is a really stupid name. AIP = Advanced Intercept Point. Basically, when you turn on AIP, you are just turning OFF the preamplifer. The preamplifier adds unneeded gain. You should only need the preamp if you're using very inefficient indoor antennas like sub-sized loops. An attic-mounted antenna of any size should not need the preamp. The preamp turned ON (AIP OFF) will lead to a lot of extraneous noise, as the preamp overloades from strong local signals.

Also, the receiver AGC in the TS-850 is way too aggressive. This is exacerbated by that preamp usually being on. In addition to turning AIP ON (disabling the preamp) I also reduce the RF gain until the "base" S-meter reading is about S-5. This helps tame the AGC, although in reality, the AGC system really needs a complete re-engineering to reduce the loop gain.

Hope this is helpful,

73, Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "ik5wqo" <ik5wqo@y...> wrote:
> Hello, i am curious about opinions about Kenwood 850 receiver :
compared to
> today's receivers, do you consider it noisy ?
>
> I am comparing my TS-850S/AT with my Yaesu FT-100d, both using the same
> antenna, and little Yaesu's reception often seems to be much more
clear and
> without background noise.
> Of course i am not using DSP on none of the rigs, and i am not using
AIP or
> ATT .
>
> What do you think about it ? It's normal?
>
> The antenna i am using is an indoor, attic-mounted, multiband dipole (i
> know, maybe an external antenna would be much better !!!).
> I have also tested both with an external long wire, and i have had
the same
> impression.
>
> Your opinion?

>
> Thank you,
> 73 de Riccardo IK5WQO

# 2484. Re: [TS-850_450_690] Re: TS-850S/AT receiver noisy?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-13 11:35:31 UTC
From: ik5wqo
Topic: 2473  Message: 2484

Thank you very much, Dave.
I'll follow your suggestions, turning off preamp (or on AIP!), and working on rf gain when necessary.

73 de Riccardo IK5WQO

----- Original Message -----
From: "emailw8nf" <emailw8nf@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, September 13, 2004 5:37 AM
Subject: [TS-850_450_690] Re: TS-850S/AT receiver noisy?

> The TS-850 receiver is actually one of the quieter ones out there.
> However, Kenwood has some of the "normal" settings, well, just plain
> wrong.
>
> The normal operation of the receiver should be with AIP ON. AIP is a
> really stupid name. AIP = Advanced Intercept Point. Basically, when
> you turn on AIP, you are just turning OFF the preamplifer. The
> preamplifier adds unneeded gain. You should only need the preamp if
> you're using very inefficient indoor antennas like sub-sized loops.
> An attic-mounted antenna of any size should not need the preamp. The
> preamp turned ON (AIP OFF) will lead to a lot of extraneous noise, as
> the preamp overloades from strong local signals.
>
> Also, the receiver AGC in the TS-850 is way too aggressive. This is
> exacerbated by that preamp usually being on. In addition to turning
> AIP ON (disabling the preamp) I also reduce the RF gain until the
> "base" S-meter reading is about S-5. This helps tame the AGC,
> although in reality, the AGC system really needs a complete
> re-engineering to reduce the loop gain.
>
> Hope this is helpful,
>
> 73, Dave W8NF
>
> --- In TS-850_450_690@yahoogroups.com, "ik5wqo" <ik5wqo@y...> wrote:
> > Hello, i am curious about opinions about Kenwood 850 receiver :
> compared to
> > today's receivers, do you consider it noisy ?
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> > I am comparing my TS-850S/AT with my Yaesu FT-100d, both using the same
> > antenna, and little Yaesu's reception often seems to be much more
> clear and
> > without background noise.
> > Of course i am not using DSP on none of the rigs, and i am not using

> AIP or
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> > 73 de Riccardo IK5WQO
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# 2485. Re: [TS-850_450_690] Re: TS-850S/AT receiver noisy?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-13 13:23:44 UTC
From: Paul Manuel
Topic: 2473  Message: 2485

--- emailw8nf <emailw8nf@...> wrote:

The normal operation of the receiver should be with AIP ON. AIP is a
> really stupid name. AIP = Advanced Intercept Point. Basically, when
> you turn on AIP, you are just turning OFF the preamplifer. The
> preamplifier adds unneeded gain.

This is my experience also. The preamp that is activated with the AIP "off" is the source of most of the receiver noise in my 850. In my rural location sometimes I hear no noise at all at normal volume levels with the AIP on, but signals seem to pop up out of the silence--very nice experience.
73,
Paul K4PDM

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# 2486. Re: [TS-850_450_690] Re: TS-850S/AT receiver noisy?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-13 14:04:54 UTC
From: Bob Snelgrove
Topic: 2473  Message: 2486

Dave,

I also found AIP "on", RF gain @ 8 on the scale *AND* setting AGC to "slow" changed the whole characteristic of my 850! Much more pleasant to listen too.

bob

----- Original Message -----
From: "emailw8nf" <emailw8nf@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, September 12, 2004 8:37 PM
Subject: [TS-850_450_690] Re: TS-850S/AT receiver noisy?

> The TS-850 receiver is actually one of the quieter ones out there.
> However, Kenwood has some of the "normal" settings, well, just plain
> wrong.
>
> The normal operation of the receiver should be with AIP ON. AIP is a
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> An attic-mounted antenna of any size should not need the preamp. The
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> the preamp overloades from strong local signals.
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> Also, the receiver AGC in the TS-850 is way too aggressive. This is
> exacerbated by that preamp usually being on. In addition to turning
> AIP ON (disabling the preamp) I also reduce the RF gain until the
> "base" S-meter reading is about S-5. This helps tame the AGC,
> although in reality, the AGC system really needs a complete
> re-engineering to reduce the loop gain.
>
> Hope this is helpful,
>
> 73, Dave W8NF
>
> --- In TS-850_450_690@yahoogroups.com, "ik5wqo" <ik5wqo@y...> wrote:
> > Hello, i am curious about opinions about Kenwood 850 receiver :
> compared to
> > today's receivers, do you consider it noisy ?
> >
> > I am comparing my TS-850S/AT with my Yaesu FT-100d, both using the same
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> clear and

> > without background noise.
> > Of course i am not using DSP on none of the rigs, and i am not using
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> > ATT .
> >
> > What do you think about it ? It's normal?
> >
> > The antenna i am using is an indoor, attic-mounted, multiband dipole (i
> > know, maybe an external antenna would be much better !!!).
> > I have also tested both with an external long wire, and i have had
> the same
> > impression.
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> > Your opinion?
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> > Thank you,
> > 73 de Riccardo IK5WQO
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# 2487. Re: [TS-850_450_690] Re: TS-850S/AT receiver noisy?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-13 14:38:59 UTC
From: Bill K0ZL
Topic: 2473  Message: 2487

I run my AIP ON (preamp off) most of the time, except
on 20M and up

b

--- ik5wqo <ik5wqo@...> wrote:

> Thank you very much, Dave.
> I'll follow your suggestions, turning off preamp (or
> on AIP!), and working
> on rf gain when necessary.
>
> 73 de Riccardo IK5WQO
>
>
> ----- Original Message -----
> From: "emailw8nf" <emailw8nf@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Monday, September 13, 2004 5:37 AM
> Subject: [TS-850_450_690] Re: TS-850S/AT receiver
> noisy?
>
>
> > The TS-850 receiver is actually one of the quieter
> ones out there.
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> settings, well, just plain
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> > preamplifier adds unneeded gain. You should only
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> aggressive. This is
> > exacerbated by that preamp usually being on. In
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> > Hope this is helpful,
> >
> > 73, Dave W8NF
> >
> > --- In TS-850_450_690@yahoogroups.com, "ik5wqo"
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> > >
> > > I am comparing my TS-850S/AT with my Yaesu
> FT-100d, both using the same
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> > clear and
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> > > Of course i am not using DSP on none of the
> rigs, and i am not using
> > AIP or
> > > ATT .
> > >
> > > What do you think about it ? It's normal?
> > >
> > > The antenna i am using is an indoor,
> attic-mounted, multiband dipole (i
> > > know, maybe an external antenna would be much
> better !!!).
> > > I have also tested both with an external long
> wire, and i have had
> > the same
> > > impression.
> > >
> > > Your opinion?
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> > > Thank you,
> > > 73 de Riccardo IK5WQO
> >
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# 2488. Re: [TS-850_450_690] Re: TS-850S/AT receiver noisy?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-13 14:40:01 UTC
From: Bill K0ZL
Topic: 2473  Message: 2488

Hi Bob

Yes, slow AGC is best for most operating.

I use med or fast only in pileups or for contests but
it's fatiguing

b

--- Bob Snelgrove <bob@...> wrote:

> Dave,
>
> I also found AIP "on", RF gain @ 8 on the scale
> *AND* setting AGC to "slow"
> changed the whole characteristic of my 850! Much
> more pleasant to listen
> too.
>
> bob
>
>
> ----- Original Message -----
> From: "emailw8nf" <emailw8nf@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Sunday, September 12, 2004 8:37 PM
> Subject: [TS-850_450_690] Re: TS-850S/AT receiver
> noisy?
>
>
> > The TS-850 receiver is actually one of the quieter
> ones out there.
> > However, Kenwood has some of the "normal"
> settings, well, just plain
> > wrong.
> >
> > The normal operation of the receiver should be
> with AIP ON. AIP is a
> > really stupid name. AIP = Advanced Intercept
> Point. Basically, when
> > you turn on AIP, you are just turning OFF the
> preamplifer. The
> > preamplifier adds unneeded gain. You should only
> need the preamp if
> > you're using very inefficient indoor antennas like
> sub-sized loops.

> > An attic-mounted antenna of any size should not
> need the preamp. The
> > preamp turned ON (AIP OFF) will lead to a lot of
> extraneous noise, as
> > the preamp overloades from strong local signals.
> >
> > Also, the receiver AGC in the TS-850 is way too
> aggressive. This is
> > exacerbated by that preamp usually being on. In
> addition to turning
> > AIP ON (disabling the preamp) I also reduce the RF
> gain until the
> > "base" S-meter reading is about S-5. This helps
> tame the AGC,
> > although in reality, the AGC system really needs a
> complete
> > re-engineering to reduce the loop gain.
> >
> > Hope this is helpful,
> >
> > 73, Dave W8NF
> >
> > --- In TS-850_450_690@yahoogroups.com, "ik5wqo"
> <ik5wqo@y...> wrote:
> > > Hello, i am curious about opinions about Kenwood
> 850 receiver :
> > compared to
> > > today's receivers, do you consider it noisy ?
> > >
> > > I am comparing my TS-850S/AT with my Yaesu
> FT-100d, both using the same
> > > antenna, and little Yaesu's reception often
> seems to be much more
> > clear and
> > > without background noise.
> > > Of course i am not using DSP on none of the
> rigs, and i am not using
> > AIP or
> > > ATT .
> > >
> > > What do you think about it ? It's normal?
> > >
> > > The antenna i am using is an indoor,
> attic-mounted, multiband dipole (i
> > > know, maybe an external antenna would be much
> better !!!).
> > > I have also tested both with an external long
> wire, and i have had
> > the same
> > > impression.

> > >
> > > Your opinion?
> > >
> > > Thank you,
> > > 73 de Riccardo IK5WQO
> >
> >
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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# 2489. Re: [TS-850_450_690] TS-450 memory battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-13 14:42:33 UTC
From: Bill K0ZL
Topic: 2474  Message: 2489

Open top cover, look down in the front, look for
silver thing size of quarter; inspect with strong
light, look for any white "hair" or other
corrosion-looking stuff.

Also check the surge absorber tube on the antenna
connector, it should be all black on the inside
element and clear glass, no smoke inside.

b

--- Frederick Van Veen <fred.grb@...> wrote:

> Bought a 450 on eBay a year ago, and it works
> absolutely perfectly, so
> I'm not looking for trouble. But I hear horror
> stories about battery
> corrosion, and am wondering whether I can tell if
> the battery is
> corroding without tearing the rig apart.
> Specifically, does proper
> operation of the memory function mean there's no
> corrosion? In other
> words, will the battery fail before it starts
> leaking? The previous
> owner has no idea whether the battery was ever
> replaced, and of course
> the rig has to be at least 10 years old. Any
> thoughts on this?
> 73 from Fred
>
>

=====

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# 2490. Re: [TS-850_450_690] Re: TS-450 memory battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-13 14:47:06 UTC
From: Bill K0ZL
Topic: 2474  Message: 2490

PS replacing that battery....

I put a strip of electrical tape (the good stuff...
Scotch 33) underneath the battery to shield that trace
(or the repair! hi).

Putting a battery holder else where is a good idea but
I don't do it as a rule, since that mods the rig
noticeably, most customers rather not have that.
b

--- Steve <smatda@...> wrote:

> I would check it. I bought my 450 in 1994 brand new
> from AES and has
> never given any hint of trouble, but a year ago I
> got curious and
> checked it. Sure enough, mine had just started to
> leak and ate the
> trace for the ATU in half before I caught it. So it
> can still leak
> and show no failure symptoms whatsoever.
>
> Checking it is not that difficult to do...probably
> 45 minutes total,
> and even if nothing's wrong, it will at least put
> your mind at ease.
>
> Steve, KE4MOB
>
> --- In TS-850_450_690@yahoogroups.com, Frederick Van
> Veen
> <fred.grb@v...> wrote:
> > Bought a 450 on eBay a year ago, and it works
> absolutely perfectly,
> so
> > I'm not looking for trouble. But I hear horror
> stories about
> battery
> > corrosion, and am wondering whether I can tell if
> the battery is
> > corroding without tearing the rig apart.
> Specifically, does proper
> > operation of the memory function mean there's no
> corrosion? In
> other

> > words, will the battery fail before it starts
> leaking? The previous
> > owner has no idea whether the battery was ever
> replaced, and of
> course
> > the rig has to be at least 10 years old. Any
> thoughts on this?
> > 73 from Fred
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2491. Re: [TS-850_450_690] TS-450 memory battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-13 15:05:19 UTC
From: Frederick Van Veen
Topic: 2474  Message: 2491

Thanks for the tip, Bill.
Fred
On Monday, September 13, 2004, at 10:42 AM, Bill K0ZL wrote:

> Open top cover, look down in the front, look for
> silver thing size of quarter; inspect with strong
> light, look for any white "hair" or other
> corrosion-looking stuff.
>
> Also check the surge absorber tube on the antenna
> connector, it should be all black on the inside
> element and clear glass, no smoke inside.
>
> b
>
> --- Frederick Van Veen <fred.grb@...> wrote:
>
>> Bought a 450 on eBay a year ago, and it works
>> absolutely perfectly, so
>> I'm not looking for trouble. But I hear horror
>> stories about battery
>> corrosion, and am wondering whether I can tell if
>> the battery is
>> corroding without tearing the rig apart.
>> Specifically, does proper
>> operation of the memory function mean there's no
>> corrosion? In other
>> words, will the battery fail before it starts
>> leaking? The previous
>> owner has no idea whether the battery was ever
>> replaced, and of course
>> the rig has to be at least 10 years old. Any
>> thoughts on this?
>> 73 from Fred
>>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 2492. Re: TS-450 memory battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-14 13:29:19 UTC
From: Steve
Topic: 2474  Message: 2492

Does the 450 have a surge suppressor? I knew the 850 did, but never heard anyone talk about one in a 450...

I guess I need to check mine!! ;-}

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Open top cover, look down in the front, look for
> silver thing size of quarter; inspect with strong
> light, look for any white "hair" or other
> corrosion-looking stuff.
>
> Also check the surge absorber tube on the antenna
> connector, it should be all black on the inside
> element and clear glass, no smoke inside.
>
> b
>
> --- Frederick Van Veen <fred.grb@v...> wrote:
>
> > Bought a 450 on eBay a year ago, and it works
> > absolutely perfectly, so
> > I'm not looking for trouble. But I hear horror
> > stories about battery
> > corrosion, and am wondering whether I can tell if
> > the battery is
> > corroding without tearing the rig apart.
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> > words, will the battery fail before it starts
> > leaking? The previous
> > owner has no idea whether the battery was ever
> > replaced, and of course
> > the rig has to be at least 10 years old. Any
> > thoughts on this?
> > 73 from Fred
> >
> >
>
>
> =====
>
> "If in doubt, MODIFY" --k0zl

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# 2493. Re: [TS-850_450_690] Re: TS-450 memory battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-14 19:52:53 UTC
From: Bill K0ZL
Topic: 2474  Message: 2493

Yep, sure do... under top cover, then under the
smaller cover.

You can just clip the old one out and tack-solder in a
new one, saves pulling the board. Unless you want to
slam a 2.2mHy pi-wound choke in there, which greatly
extends the life of the surge absorber tube.

bill

--- Steve <smatda@...> wrote:

> Does the 450 have a surge suppressor? I knew the
> 850 did, but never
> heard anyone talk about one in a 450...
>
> I guess I need to check mine!! ;-}
>
> Steve, KE4MOB
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
> > Open top cover, look down in the front, look for
> > silver thing size of quarter; inspect with strong
> > light, look for any white "hair" or other
> > corrosion-looking stuff.
> >
> > Also check the surge absorber tube on the antenna
> > connector, it should be all black on the inside
> > element and clear glass, no smoke inside.
> >
> > b
> >
> > --- Frederick Van Veen <fred.grb@v...> wrote:
> >
> > > Bought a 450 on eBay a year ago, and it works
> > > absolutely perfectly, so
> > > I'm not looking for trouble. But I hear horror
> > > stories about battery
> > > corrosion, and am wondering whether I can tell
> if
> > > the battery is
> > > corroding without tearing the rig apart.
> > > Specifically, does proper
> > > operation of the memory function mean there's no

> > > corrosion? In other
> > > words, will the battery fail before it starts
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> > > the rig has to be at least 10 years old. Any
> > > thoughts on this?
> > > 73 from Fred
> > >
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> > =====
> >
> > "If in doubt, MODIFY" --k0zl
> >
> > Need a tech? See our website
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# 2494. Intermittent Low sensitivity. TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-17 03:16:11 UTC
From: g3liv
Topic: 2494  Message: 2494

Hi All,
Sometimes when I switch my TS850 on I find as if bands are empty. And the S meter may be reading S1 or so.
A very slight tap on the case will bring the signals and background to normal. I thought at first a dry joint. But investigating further.
If when I am in the S1 state,I energise the Auto Atu to tune ant. I resume immediatly to the usual sesitivity.
If auto tuner is switched OUT. And I go to Tx then back to RX the sensitivity stays low.
However as soon as I put the AT in line and Tune it I get normal reception.
So to me it rules out the Ant Change over relay. But I am beginning to suspect the K1 in the ATU.
I have attempted just clean the contacts carefully but no improvement.
When should I see this K1 relay energise.
Any one came across this one.
If I can purchase this K1 relay I will replace it before I dig further not sure in UK what best sourse would be.

De Johnny G3LIV

# 2495. Re: [TS-850_450_690] Intermittent Low sensitivity. TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-17 12:06:41 UTC
From: Bill K0ZL
Topic: 2494  Message: 2495

The AT is not in the line on receive unless your rig
is modded for that.

Look at the relay on the small board right at the
antenna connector. May be a bad relay or burned or
intermittant trace there. Also loose conn to ant
connector?

It's not hard to pull that board to inspect, just
unsolder the ground pin and center cond. wire that
goes to the SO239.

bill

--- g3liv <johnny@...> wrote:

> Hi All,
> Sometimes when I switch my TS850 on I find as if
> bands are empty. And
> the S meter may be reading S1 or so.
> A very slight tap on the case will bring the signals
> and background
> to normal. I thought at first a dry joint. But
> investigating further.
> If when I am in the S1 state,I energise the Auto Atu
> to tune ant. I
> resume immediatly to the usual sesitivity.
> If auto tuner is switched OUT. And I go to Tx then
> back to RX the
> sensitivity stays low.
> However as soon as I put the AT in line and Tune it
> I get normal
> reception.
> So to me it rules out the Ant Change over relay. But
> I am beginning
> to suspect the K1 in the ATU.
> I have attempted just clean the contacts carefully
> but no improvement.
> When should I see this K1 relay energise.
> Any one came across this one.
> If I can purchase this K1 relay I will replace it
> before I dig
> further not sure in UK what best sourse would be.
>
> De Johnny G3LIV
>

>

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"If in doubt, MODIFY" --k0zl

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# 2496. Re: [TS-850_450_690] Intermittent Low sensitivity. TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-17 15:22:20 UTC
From: Johnny Melvin
Topic: 2494  Message: 2496

Hi Bill,
Thank you for the reply.
I had thought that I had covered that Ant change over relay
by leaving the ATU switched THRU.
If I Manually hit the REC/SEND button sensitivity stays low.
But if I put ATU to AUTO and hit the AT TUNE it comes back
to normal every time.
I purchased the rig new, It has not been modified.
Could it have come out the factory with the ATU in RX as standard, ?.
Can I ask Bill do you deal in spares for these rigs.

I have talked with the spares provider in the UK today.
The first question the responsible female asked me
was " what a relay"

She is still to phone me back.
Kenwood don't supply individuals here.

de Johnny G3LIV.
----- Original Message -----
From: Bill K0ZL
To: TS-850_450_690@yahoogroups.com
Sent: Friday, September 17, 2004 1:06 PM
Subject: Re: [TS-850_450_690] Intermittent Low sensitivity. TS850

The AT is not in the line on receive unless your rig
is modded for that.

Look at the relay on the small board right at the
antenna connector. May be a bad relay or burned or
intermittant trace there. Also loose conn to ant
connector?

It's not hard to pull that board to inspect, just
unsolder the ground pin and center cond. wire that
goes to the SO239.

bill

--- g3liv <johnny@...> wrote:

> Hi All,
> Sometimes when I switch my TS850 on I find as if
> bands are empty. And
> the S meter may be reading S1 or so.
> A very slight tap on the case will bring the signals
> and background

> to normal. I thought at first a dry joint. But
> investigating further.
> If when I am in the S1 state,I energise the Auto Atu
> to tune ant. I
> resume immediatly to the usual sesitivity.
> If auto tuner is switched OUT. And I go to Tx then
> back to RX the
> sensitivity stays low.
> However as soon as I put the AT in line and Tune it
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> reception.
> So to me it rules out the Ant Change over relay. But
> I am beginning
> to suspect the K1 in the ATU.
> I have attempted just clean the contacts carefully
> but no improvement.
> When should I see this K1 relay energise.
> Any one came across this one.
> If I can purchase this K1 relay I will replace it
> before I dig
> further not sure in UK what best sourse would be.
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> De Johnny G3LIV
>
>

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[Non-text portions of this message have been removed]

# 2497. Intermittent Low sensitivity. TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-17 22:11:33 UTC
From: g3liv
Topic: 2494  Message: 2497

Hi Bill K0zl

Well after getting a price for replacement relays from
the UK supplier. Of £42.98 GBP that near $80.
I decided to go in and check them out.
If cost had been at least reasonable I would have replaced them.

The fault was on the little board direct on to the SO239.
In fact the board to SO239 connection that looks like a small
ferrite was dry jointed into the tail of the SO239 and although
it looked ok it would slide in and out of the tail of the So239.
It must have alway been a bit faulty. But never shown.

So there you go its up and running again.

Thanks again

de JOhnny G3LIV.

# 2498. Re: [TS-850_450_690] Intermittent Low sensitivity. TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-17 23:42:44 UTC
From: Bill K0ZL
Topic: 2494  Message: 2498

Hi Johnny, no the AT unit should not even be in the
picture when in receive mode.

Get that little board up and inspect it, you may find
something underneath.

Let me know what you need, we will work something out
but you must be patient as I am a one man operation
here.

out of town til 9/23

bye

b

--- Johnny Melvin <johnny@...> wrote:

> Hi Bill,
> Thank you for the reply.
> I had thought that I had covered that Ant change
> over relay
> by leaving the ATU switched THRU.
> If I Manually hit the REC/SEND button sensitivity
> stays low.
> But if I put ATU to AUTO and hit the AT TUNE it
> comes back
> to normal every time.
> I purchased the rig new, It has not been modified.
> Could it have come out the factory with the ATU in
> RX as standard, ?.
> Can I ask Bill do you deal in spares for these rigs.
>
> I have talked with the spares provider in the UK
> today.
> The first question the responsible female asked me
> was " what a relay"
>
> She is still to phone me back.
> Kenwood don't supply individuals here.
>
> de Johnny G3LIV.
> ----- Original Message -----
> From: Bill K0ZL
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, September 17, 2004 1:06 PM
> Subject: Re: [TS-850_450_690] Intermittent Low

> sensitivity. TS850
>
>
> The AT is not in the line on receive unless your
> rig
> is modded for that.
>
> Look at the relay on the small board right at the
> antenna connector. May be a bad relay or burned or
> intermittant trace there. Also loose conn to ant
> connector?
>
> It's not hard to pull that board to inspect, just
> unsolder the ground pin and center cond. wire that
> goes to the SO239.
>
> bill
>
> --- g3liv <johnny@...> wrote:
>
> > Hi All,
> > Sometimes when I switch my TS850 on I find as if
> > bands are empty. And
> > the S meter may be reading S1 or so.
> > A very slight tap on the case will bring the
> signals
> > and background
> > to normal. I thought at first a dry joint. But
> > investigating further.
> > If when I am in the S1 state,I energise the Auto
> Atu
> > to tune ant. I
> > resume immediatly to the usual sesitivity.
> > If auto tuner is switched OUT. And I go to Tx
> then
> > back to RX the
> > sensitivity stays low.
> > However as soon as I put the AT in line and Tune
> it
> > I get normal
> > reception.
> > So to me it rules out the Ant Change over relay.
> But
> > I am beginning
> > to suspect the K1 in the ATU.
> > I have attempted just clean the contacts
> carefully
> > but no improvement.
> > When should I see this K1 relay energise.
> > Any one came across this one.

> > If I can purchase this K1 relay I will replace
> it
> > before I dig
> > further not sure in UK what best sourse would
> be.
> >
> > De Johnny G3LIV
> >
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> "If in doubt, MODIFY" --k0zl
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> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an
> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>

> c.. Your use of Yahoo! Groups is subject to the
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>
> [Non-text portions of this message have been
> removed]
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# 2499. Re: [TS-850_450_690] Intermittent Low sensitivity. TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-19 02:58:00 UTC
From: Bill K0ZL
Topic: 2494  Message: 2499

We get those for about 15 dollars, plus about 12 to
ship int'l so let me know if you need one in the
future.

Those relays almost never fail.

Glad you found the problem.

The glass tube thing is a gas arrestor and fails quite
often.

73,

Bill

--- g3liv <johnny@...> wrote:

> Hi Bill K0zl
>
> Well after getting a price for replacement relays
> from
> the UK supplier. Of ?42.98 GBP that near $80.
> I decided to go in and check them out.
> If cost had been at least reasonable I would have
> replaced them.
>
> The fault was on the little board direct on to the
> SO239.
> In fact the board to SO239 connection that looks
> like a small
> ferrite was dry jointed into the tail of the SO239
> and although
> it looked ok it would slide in and out of the tail
> of the So239.
> It must have alway been a bit faulty. But never
> shown.
>
> So there you go its up and running again.
>
> Thanks again
>
> de JOhnny G3LIV.
>
>

=====

"If in doubt, MODIFY" --k0zl

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_____
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# 2500. DSP 100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-19 07:35:11 UTC
From: Leon
Topic: 2500  Message: 2500

Hi all

I'm proud to have since 1994 a ts850s/AT and I would like to try now the DSP-100, but here in Italy it is impossible to find one at the right price, can somebody let me know where I could try to find one?

Regards
IZØEHO Andrea
http://www.iz0eho.com

[Non-text portions of this message have been removed]

# 2501. Re: [TS-850_450_690] DSP 100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-19 17:53:35 UTC
From: Eric
Topic: 2500  Message: 2501

check ebay. There is one there right now about to end auction though.

Eric

----- Original Message -----
From: Leon
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, September 19, 2004 2:35 AM
Subject: [TS-850_450_690] DSP 100

Hi all

I'm proud to have since 1994 a ts850s/AT and I would like to try now the DSP-100, but here in Italy it is impossible to find one at the right price, can somebody let me know where I could try to find one?

Regards
IZØEHO Andrea
http://www.iz0eho.com

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 2502. Re: [TS-850_450_690] DSP 100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-20 07:41:08 UTC
From: Leon
Topic: 2500  Message: 2502

He do not answer to my request to know the mail cost.
IZØEHO Andrea
http://www.iz0eho.com
----- Original Message -----
From: Eric
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, September 19, 2004 7:53 PM
Subject: Re: [TS-850_450_690] DSP 100

check ebay. There is one there right now about to end auction though.

Eric

----- Original Message -----
From: Leon
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, September 19, 2004 2:35 AM
Subject: [TS-850_450_690] DSP 100

Hi all

I'm proud to have since 1994 a ts850s/AT and I would like to try now the DSP-100, but here in Italy it is impossible to find one at the right price, can somebody let me know where I could try to find one?

Regards
IZØEHO Andrea
http://www.iz0eho.com

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 2503. TS-850S and PS52 for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-20 13:34:38 UTC
From: Paul B. Peters, VE7AVV
Topic: 2503  Message: 2503

My Kenwood TS-850S and PS52 power supply are for sale. All the details are located at http://www.bcdxc.org/ve7avv_ts850fs.htm If you're interested, please drop me an email to discuss off-line.

73 de Paul, VE7AVV
StoneyGround Station

# 2504. Windom 80 Antenna

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-20 13:19:14 UTC
From: derbylane11
Topic: 2504  Message: 2504

If anybody is using a full size Windom 80 antenna with a TS-850 AT, I am interested in knowing whether the auto tuner can handle the tuning of that antenna across all the bands (80-10). 73, Fred WA1FJ

# 2505. Re: [TS-850_450_690] Windom 80 Antenna

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-20 14:04:42 UTC
From: Leon
Topic: 2504  Message: 2505

I had it 2 years ago no problem to tune in all the range 10/80
IZØEHO Andrea
http://www.iz0eho.com
----- Original Message -----
From: derbylane11
To: TS-850_450_690@yahoogroups.com
Sent: Monday, September 20, 2004 3:19 PM
Subject: [TS-850_450_690] Windom 80 Antenna

If anybody is using a full size Windom 80 antenna with a TS-850 AT, I
am interested in knowing whether the auto tuner can handle the tuning
of that antenna across all the bands (80-10). 73, Fred WA1FJ

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[Non-text portions of this message have been removed]

# 2506. Price to ask for ts-450s

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-21 01:50:21 UTC
From: Jimmy Miller
Topic: 2506  Message: 2506

I have a ts-450s and would like to sell it don't know the asking price
any idea's on how much I should ask for it? It does have the tuner in
it but not operating for some reason, radio is about an 7-10 cosmetical
will come with a mc-60 and a hand mic with up and down buttons.
power is above 100 watts out.

reply offline

ad5it@...

# 2507. TS-850SAT transmit problem fixed, now what did I do to the Noise Blanker?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-24 08:22:58 UTC
From: emailw8nf
Topic: 2507  Message: 2507

Thanks to advice from several on the list, I tracked down the "final" problem to a blown transistor on the TRX unit. Took a bit of finagling to get the old one out, but I did so, and installed the new one obtained from Pacific Coast Parts.

The rig now transmits happily.

However, the noise blankers have ceased functioning. I looked all about inside, and do not see that I have forgotten to re-connect any of those flat ribbon cables, nor do I see any broken wires. Assuming I did whatever is causing the NBs to not work, has anybody been here before? Any quick tips on how to find out why the NB has quit?

Yes, I know there's a mod to make the "stock" NB work better; it was performed by the prior owner, and the NB has always functioned effectively in my '850. Until now, that is.

Hopefully this will be quick, as the NB circuitry, unlike the TXB line, does not go all over the radio.

TIA,

Dave W8NF

# 2508. TS-450 battery replacment

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-24 12:05:32 UTC
From: fredatgrb
Topic: 2508  Message: 2508

Much has been written about the difficulty of finding a battery holder to allow repositioning of the battery and replacement with a CR2032. There's a simpler way: Remove the battery from the circuit board, run a couple of leads from the board to this battery or a direct replacement (with solder tabs), place the battery in a cardboard pouch (stapled closed), and place the pouch in a convenient location using Velcro. My 450 lacks the antenna tuner, so there is loads of room. right on top. The job is quick and easy, battery replacement thereafter is a snap, and there's no need to settle for the lower-capacity battery.
Fred, W1NYL

# 2509. Kenwood 850 antenna tuner problem...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-25 10:41:37 UTC
From: Riccardo
Topic: 2509  Message: 2509

Hello, since today (...in the middle of the contest...)my Kenwood 850 antenna tuner doesnt works properly : if i try to tune, also on a dummy load , the rtx SWR indication goes regularly to zero, but at ths point the antenna tuner doesn't goes off by himself.
It happens only on 1,8 - 21 - 28 and 29 MHz, and 24 MHz band is just slower in going off than the other bands...

What can i check? can i do something by himself ?

Thank you,
73 de Riccardo IK5WQO

# 2510. Trace on the back of Filter board

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-25 15:12:24 UTC
From: Richard Tesar
Topic: 2510  Message: 2510

I have acquired a TS 450s with a few small problems on the Filter board, X51-3110-00. D11 is gone - W1, W5, and W7 are either gone or cut. There is also a trace on the foil side running from the tip of D11 to what appears to be ground which is completely gone. Anyone give me a little help with this? Maybe check a schematic and/or your filter board and let me know what things look like? How about parts? Is Kenwood the only place to get these items? Appreciate answers to dumb questions and I know they will help.

Dick

WA4WIP

# 2511. Re: Kenwood 850 antenna tuner problem...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-25 17:54:04 UTC
From: Max
Topic: 2509  Message: 2511

Riccardo,

What is your carrier control set at? The tuner requires at least 10W
to function. If you have turned the carrier control down by mistake
it will tune all day and not stop. There is an adjustment in the
radio for setting the SWR at which the tuner stops at, can look it up
if you need it. But it isn't something that would have changed by itself.

Max

# 2512. Re: [TS-850_450_690] Digest Number 624

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-25 17:57:50 UTC
From: Adrian
Topic: 2512  Message: 2512

Try lowering the car level (slightly) a little. Sometimes it is fussy about
this level.

Adrian

VK4TUX
----- Original Message -----
From: <TS-850_450_690@yahoogroups.com>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, September 25, 2004 10:27 PM
Subject: [TS-850_450_690] Digest Number 624

>
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. Kenwood 850 antenna tuner problem...
> From: "Riccardo" <ik5wqo@...>
>
>
> _____________________________________________________________________
> _____________________________________________________________________
>
> Message: 1
> Date: Sat, 25 Sep 2004 10:41:37 -0000
> From: "Riccardo" <ik5wqo@...>
> Subject: Kenwood 850 antenna tuner problem...
>
>
> Hello, since today (...in the middle of the contest...)my Kenwood 850
> antenna tuner doesnt works properly : if i try to tune, also on a
> dummy load , the rtx SWR indication goes regularly to zero, but at
> ths point the antenna tuner doesn't goes off by himself.
> It happens only on 1,8 - 21 - 28 and 29 MHz, and 24 MHz band is just
> slower in going off than the other bands...
>
> What can i check? can i do something by himself ?
>
> Thank you,
> 73 de Riccardo IK5WQO
>
>
>
> _____________________________________________________________________
> _____________________________________________________________________

>
>
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# 2513. Re: [TS-850_450_690] Re: Kenwood 850 antenna tuner problem...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-25 18:32:25 UTC
From: ik5wqo
Topic: 2509  Message: 2513

Hello Max, thank you for answer !

Well, now the 850 start working correctly "by himself" : i haven't done nothing particular, just disassembled the ATU, the filter unit, visually checked and reassembled double checking everything.
I close the cover, and tested : OK !

Well, i hope it will last!
Anyway, thank you for the suggestion of carrier setup : maybe it was "the problem", i'll do some tests.
Maybe i have moved it decreasing, i really don't remember.
The strange thing was : just on some bands, not on every one !

Thank you, very much
73 de Riccardo IK5WQO

----- Original Message -----
From: "Max" <ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, September 25, 2004 7:54 PM
Subject: [TS-850_450_690] Re: Kenwood 850 antenna tuner problem...

> Riccardo,
>
> What is your carrier control set at? The tuner requires at least 10W
> to function. If you have turned the carrier control down by mistake
> it will tune all day and not stop. There is an adjustment in the
> radio for setting the SWR at which the tuner stops at, can look it up
> if you need it. But it isn't something that would have changed by itself.
>
> Max
>
>
>
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# 2514. Re: Kenwood 850 antenna tuner problem...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-25 19:25:02 UTC
From: Max
Topic: 2509  Message: 2514

Glad to hear you got it working Riccardo. Lets cross our fingers and hope it stays!

Max

# 2515. Manuals

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-25 20:36:13 UTC
From: Richard Tesar
Topic: 2515  Message: 2515

Anyone possibly have an extra TS 450sAT operator's manual and/or service laying around they would like to part with, please let me know via email. Thanks

Dick

WA4WIP

# 2516. Re: [TS-850_450_690] Manuals

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-25 21:23:53 UTC
From: marian aradoaei
Topic: 2515  Message: 2516

--- Richard Tesar <ricwip@...> wrote:

> Anyone possibly have an extra TS 450sAT operator's
> manual and/or
> service laying around they would like to part with,
> please let me
> know via email. Thanks
>
> Dick
>
> WA4WIP

I have user manual and service manual...if you have a
good conection is possible to download from
www.mods.dk....if the site dont work send me a email
and I send for you this manual...pdf format.
bye
Marian-YO3DIU
>
>

_____
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# 2517. Re: [TS-850_450_690] Manuals

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-25 22:37:48 UTC
From: ricwip@aol.com
Topic: 2515  Message: 2517

Thanks so much - I do have them on the computer but I really would like to have the paper hard copy.

Dick

WA4WIP

[Non-text portions of this message have been removed]

# 2518. TS850s atu problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-26 01:07:25 UTC
From: Adrian
Topic: 2518  Message: 2518

Just like to share an atu problem I had this morning. Had an 80m wire tuned on 40m psk31 working fine and tuned in ok when it all went bad. Heard arcing and power- swr indication went crazy on the display. I could smell something burnt in the atu area once I had the covers off. Alas I remove the atu which isn't as hard as it looks. About ten screws involved. The low inductance board PCB had fried where the main coil end supply lead connects via a short PCB track which shorted to the grounding track. As I was end feeding a ~1/2 wavelength voltage would have been high but I think the PCB could be better designed. I pulled the coil end up and out and re-soldered the lead in the air directly. Works fine since and on the same application. See photo's I've uploaded.

Regards

Adrian

VK4TUX

# 2519. Re: [TS-850_450_690] TS850s atu problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-26 02:33:21 UTC
From: Bill K0ZL
Topic: 2518  Message: 2519

Feeding a wire like this is asking for it, Adrian, and
you got it.

I don't think the ATU boards could be designed to
withstand that kind of hi voltage and still fit inside
the rig... sorry. I can't see you blaming the
designers for this one.

73,

b

--- Adrian <adshar@...> wrote:

> Just like to share an atu problem I had this
> morning. Had an 80m wire
> tuned on 40m psk31 working fine and tuned in ok when
> it all went bad.
> Heard arcing and power- swr indication went crazy on
> the display. I
> could smell something burnt in the atu area once I
> had the covers
> off. Alas I remove the atu which isn't as hard as it
> looks. About ten
> screws involved. The low inductance board PCB had
> fried where the
> main coil end supply lead connects via a short PCB
> track which
> shorted to the grounding track. As I was end feeding
> a ~1/2
> wavelength voltage would have been high but I think
> the PCB could be
> better designed. I pulled the coil end up and out
> and re-soldered the
> lead in the air directly. Works fine since and on
> the same
> application. See photo's I've uploaded.
>
> Regards
>
> Adrian
>
> VK4TUX
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2520. Re: TS850s atu problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-26 04:37:50 UTC
From: Adrian
Topic: 2518  Message: 2520

I guess so Bill, but the gap is very narrow less tha 1/8 between the tracks. I guess I thought if the tuner is capable of tuning it then it would be ok to operate. Wont happen again though. I was using 100w too which was a bit much.

best regards

Adrian

VK4TUX

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Feeding a wire like this is asking for it, Adrian, and
> you got it.
>
> I don't think the ATU boards could be designed to
> withstand that kind of hi voltage and still fit inside
> the rig... sorry. I can't see you blaming the
> designers for this one.
>
> 73,
>
> b
>
> --- Adrian <adshar@i...> wrote:
>
> > Just like to share an atu problem I had this
> > morning. Had an 80m wire
> > tuned on 40m psk31 working fine and tuned in ok when
> > it all went bad.
> > Heard arcing and power- swr indication went crazy on
> > the display. I
> > could smell something burnt in the atu area once I
> > had the covers
> > off. Alas I remove the atu which isn't as hard as it
> > looks. About ten
> > screws involved. The low inductance board PCB had
> > fried where the
> > main coil end supply lead connects via a short PCB
> > track which
> > shorted to the grounding track. As I was end feeding
> > a ~1/2
> > wavelength voltage would have been high but I think
> > the PCB could be
> > better designed. I pulled the coil end up and out

> > and re-soldered the
> > lead in the air directly. Works fine since and on
> > the same
> > application. See photo's I've uploaded.
> >
> > Regards
> >
> > Adrian
> >
> > VK4TUX
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> "If in doubt, MODIFY" --k0zl
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# 2524. Ham's Online New Group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-26 15:05:15 UTC
From: Wendall Bagwell
Topic: 2524  Message: 2524

You are invited!!

Ham's online is a new group searching for cool ham links. You add links you find or your own and also find super cool ham links.

http://groups.yahoo.com/group/hams_online

Come and join the Fun!!

Wendall
kc5ess

# 2525. 50 Watts on Top Band

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-26 20:05:48 UTC
From: Ramon
Topic: 2525  Message: 2525

Hello everybody,

I own a "good-looking" TS-850SAT since May. Did most of the mods to upgrade the rig. Recently I decided to check out top band on my long wire antenna (17 meters long only). I found some UK stations that I could work with S7 to S8 signal strength. With the power potmeter fully CCW I only have 50 Watts output in SSB. On all other bands I have 100 Watts.

Does somebody know what the cause can be?

Thanks in advance for any reaction.

Best regards from Holland

Ramon
PE1OUW

# 2526. DSA301LA

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-27 16:36:43 UTC
From: Richard Tesar
Topic: 2526  Message: 2526

Just to confirm the surge supressor DSA301LA is $14.35 each plus $7.50 shipping and handling from East Coast Transistor Parts. Part #7540000010 is $4.68 plus $4 shipping and handling from ICOM America, Inc. I believe that Bill said the parts are the same. I have just verified the above this morning by email. Probably am gonna order a couple from ICOM later on.

Dick

WA4WIP

# 2527. Re: [TS-850_450_690] DSA301LA

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-27 17:57:55 UTC
From: Ron
Topic: 2526  Message: 2527

Just to add something to this. When i found RX sensitivity of my 850 low and TX output dropping on bands highter than 30m, I checked the surge protector and of course found it good (as I has expected -- as some bands were near normal). As documented at N6TR's site and many others, the offending part was the IC in the RF board (74LS145). I verified this and replaced the IC and my 850 now works like a charm. However, I plan to do the mods to the surge protector by having a RF choke across it.

Prior to finding this fault, I had a message out on this reflector and posted my symptoms. I received NO ANSWERS at all. So, I guess this is either a well known problem or no one paid much attention to my message!

73,
Ron, 4S7RO

Richard Tesar <ricwip@...> wrote:
Just to confirm the surge supressor DSA301LA is $14.35 each plus
$7.50 shipping and handling from East Coast Transistor Parts. Part
#7540000010 is $4.68 plus $4 shipping and handling from ICOM America,
Inc. I believe that Bill said the parts are the same. I have just
verified the above this morning by email. Probably am gonna order a
couple from ICOM later on.

Dick

WA4WIP

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# 2528. Re: [TS-850_450_690] DSA301LA

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-28 01:17:44 UTC
From: Bill K0ZL
Topic: 2526  Message: 2528

Ron if you get no answer to a question, it's because
we don't have the answer. Thanks to you, now we do.

I usually won't post a "I don't know" response to a
query as it's wasteful. This is the modus operandus on
the larger amateur-repairs group as well.

A somewhat successful method to "working" the groups
is to post, then post again in a week or two if you
get no answer; that will clue us in that we need to do
some digging, or perhaps someone new has joined that
will have the answer to your query.

I usually won't "dig" until someone posts twice on
something; often, I am digging through a service
manual, then POW someone posts the answer. Wasted
time.

73,

Bill K0ZL

--- Ron <sparkrohan@...> wrote:

> Just to add something to this. When i found RX
> sensitivity of my 850 low and TX output dropping on
> bands highter than 30m, I checked the surge
> protector and of course found it good (as I has
> expected -- as some bands were near normal). As
> documented at N6TR's site and many others, the
> offending part was the IC in the RF board (74LS145).
> I verified this and replaced the IC and my 850 now
> works like a charm. However, I plan to do the mods
> to the surge protector by having a RF choke across
> it.
>
> Prior to finding this fault, I had a message out on
> this reflector and posted my symptoms. I received NO
> ANSWERS at all. So, I guess this is either a well
> known problem or no one paid much attention to my
> message!
>
> 73,
> Ron, 4S7RO
>
> Richard Tesar <ricwip@...> wrote:
> Just to confirm the surge supressor DSA301LA is

> $14.35 each plus
> $7.50 shipping and handling from East Coast
> Transistor Parts. Part
> #7540000010 is $4.68 plus $4 shipping and handling
> from ICOM America,
> Inc. I believe that Bill said the parts are the
> same. I have just
> verified the above this morning by email. Probably
> am gonna order a
> couple from ICOM later on.
>
> Dick
>
> WA4WIP
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
> Yahoo! Groups SponsorADVERTISEMENT
>
>
> ---------------------------------
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
>
>
> ~-------------------------------------------------
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
> protection around
> http://mail.yahoo.com
>
> [Non-text portions of this message have been
> removed]
>
>

=====

"If in doubt, MODIFY" --k0zl

Need a tech? See our website www.amateur-repairs.com

_____
Do you Yahoo!?
New and Improved Yahoo! Mail - 100MB free storage!
http://promotions.yahoo.com/new_mail

# 2529. Control software and interface and intro.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-28 04:05:47 UTC
From: Abacus Technologies
Topic: 2526  Message: 2529

Hi All,

Just a quick intro here from VE6DPW from Calgary, Alberta, Canada. Newly licensed ham here for the past three months or so. Running a Icom 706MKIIG in the car with an ATAS 120 screwdriver, an Alinco DR599 dual bander with a dual band mag mount and most importantly a Kenwood TS-690S.

I'll be using the 690 as my base station and am waiting for a Kenwood SP-31 Filtered Speaker picked up on eBay today.

A few questions for the group....

1. Will the above noted speaker work with the 690?

2. Any speaker mods to suggest?

3. Anyone using MFJ's Model 1798,
80/40/30/20/17/15/12/10/6/2 Meters Vertical Antenna with this rig?

4. Are there any control interface cables available for
this radio?

5. Are there any schematics available for this or similar
interfaces?

6. What computer programs are available and used by you,
the experts?

7. Is there a technical / service manual available?

So, a bucket full of questions for you all here. Thanks in advance for your thoughts

Cheers,

Dave Watkins VE6DPW
President / CTO
Abacus Technologies
Calgary, Alberta, Canada

abacus@...

Voice: (403) 701-5746
Fax: (403) 266-0626

[Non-text portions of this message have been removed]

# 2530. Re: Control software and interface and intro.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-28 20:58:12 UTC
From: Max
Topic: 2526  Message: 2530

--- In TS-850_450_690@yahoogroups.com, Abacus Technologies
<abacus@d...> wrote:

> A few questions for the group....
>
>
>
> 1. Will the above noted speaker work with the 690?
> It will work with any radio. I used one on my 850 although my Sony
Bass Reflex speaker has much better low end.
>
>
> 2. Any speaker mods to suggest?
> The SP31 sounds good just as it is.
>
>
> 3. Anyone using MFJ's Model 1798,
> 80/40/30/20/17/15/12/10/6/2 Meters Vertical Antenna with this rig?
>
> Can't help you here.
>
> 4. Are there any control interface cables available for
> this radio?
>
> I built one for under $30 Canadian all new components. Don't waste
your money on the Kenwood unit.
>
> 5. Are there any schematics available for this or
similar
> interfaces?
>
> See here: http://www.cqham.ru/images/if232_sch_p.gif
>
> 6. What computer programs are available and used by
you,
> the experts?
>
TRX Manager is a very good one to look at.
>
>
> 7. Is there a technical / service manual available?
>
>
>
> So, a bucket full of questions for you all here. Thanks in advance

for your
> thoughts
>
>
>
> Cheers,
>
> Dave Watkins VE6DPW
> President / CTO
> Abacus Technologies
> Calgary, Alberta, Canada
>
> abacus@d...
>
> Voice: (403) 701-5746
> Fax: (403) 266-0626
>
>
>
>
>
> [Non-text portions of this message have been removed]

# 2531. service center

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-28 21:08:52 UTC
From: Eric
Topic: 2531  Message: 2531

Hi Group,

Would any body have information they can pass along as to where I can find the address/phone number to Kenwood Service Center East? Considering letting Kenwood 'tune up' the 850 and I have an older dual bander with uhf out.

Thanks,
Eric

[Non-text portions of this message have been removed]

# 2532. Re: service center

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-28 23:37:52 UTC
From: Max
Topic: 2531  Message: 2532

--- In TS-850_450_690@yahoogroups.com, "Eric" <ejhinz@q...> wrote:
> Hi Group,
>
> Would any body have information they can pass along as to where I can find the address/phone number to Kenwood Service Center East? Considering letting Kenwood 'tune up' the 850 and I have an older dual bander with uhf out.
>
> Thanks,
> Eric

Eric.. here is the link for their page.

http://www.avsl.net/

Max

# 2533. Re: [TS-850_450_690] service center

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-28 23:50:49 UTC
From: Fred Van Veen
Topic: 2531  Message: 2533

Eric:
Beltronics, 19 Proctor Hill Road, Hollis, NH is an authorized Kenwood service center. They are usually listed in the QST classifieds. I have used them, and they seem competent.
Fred
On Sep 28, 2004, at 5:08 PM, Eric wrote:

> 
> Hi Group,
> 
> Would any body have information they can pass along as to where I can
> find the address/phone number to Kenwood Service Center East?
> Considering letting Kenwood 'tune up' the 850 and I have an older dual
> bander with uhf out.
> 
> Thanks,
> Eric
> 
> [Non-text portions of this message have been removed]
> 
> 
> 
> 
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
> 
> 
> 
> 
> 
> 
> 
> 

# 2534. TS-850 battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-29 09:35:34 UTC
From: rick54045
Topic: 2534  Message: 2534

I've had my TS-850SAT since I purchased it new in 1992. I've heard of horror stories about leaking batteries, so every 5 years I replace the memory back up battery as a precaution. I am considering using a set of AAA batteries next time. In the upper compartment where the VS-2 and DRU-2 are located, is enough room to install a 2 cell AAA battery case and AAA batteries. I can then run the wiring from the case to the appropriate point where the old battery was located. I figure if I twist the wires together, they would be self shielding and thus would not couple RF while transmitting. Has anyone done this? If so what were the results?

Eric N7DLV

# 2535. TS850s and rascal interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-29 11:28:04 UTC
From: vk4tux
Topic: 2535  Message: 2535

Recently obtained a rascal soundcard interface GLx unit and set it up to Acc2 socket from soundcard jacks. Seems to have big feedback problems on 20m psk31 mode and cant even set a 10w clean signal. On 10m it seems ok up to 50w. Anyone else tried these kits?

73

Adrian VK4TUX

# 2536. Re: TS850s and rascal interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-29 19:57:18 UTC
From: rick54045
Topic: 2535  Message: 2536

I had a similar problem with a home brewed SSTV interface I built for MMSSTV. I had to install 1:1 audio transformers in both the RX and TX lines leading from the sound card to the interface. As added protection since the transformers were not shielded, I twisted together the wires for the primary and seconday windings. I also did not shorten the lead lengths of the transformer input and output wires.

Eric N7DLV

> In TS-850_450_690@yahoogroups.com, "vk4tux" <vk4tux@y...> wrote:
> Recently obtained a rascal soundcard interface GLx unit and set it up
> to Acc2 socket from soundcard jacks. Seems to have big feedback
> problems on 20m psk31 mode and cant even set a 10w clean signal. On
> 10m it seems ok up to 50w. Anyone else tried these kits?
>
> 73
>
> Adrian VK4TUX

# 2537. VS-2 and DRU-2 ... availability?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-30 13:28:03 UTC
From: Phono-Guy
Topic: 2537  Message: 2537

Does anyone know where I can pick up a VS-2 and DRU-2
for my TS850?

I ordered a DRU-2 from AES back in June, but it is
still backordered.

Thanks,
Clint
WS1V

_____
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http://mail.yahoo.com

# 2538. TYransverter for 50/144/430 MHz

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-30 14:34:55 UTC
From: Leon
Topic: 2538  Message: 2538

Hi all

can somebody tell me where I can find the transverter for 50/144/430 MHz for my ts850s/AT?

73
IZØEHO Andrea
http://www.iz0eho.com

[Non-text portions of this message have been removed]

# 2539. Triplicate messages

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-30 17:03:16 UTC
From: Abacus Technologies
Topic: 2537  Message: 2539

Anyone else getting triplicates from this list?

Inquiring minds want to know.

Inquiring minds want to know.

Inquiring minds want to know. :-)

Cheers,

Dave Watkins
President / CTO
Abacus Technologies
Calgary, Alberta, Canada

abacus@...

Voice: (403) 701-5746
Fax: (403) 266-0626

-----

From: Phono-Guy [mailto:taephono@...]
Sent: September 30, 2004 7:28 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] VS-2 and DRU-2 ... availability?

Does anyone know where I can pick up a VS-2 and DRU-2
for my TS850?

I ordered a DRU-2 from AES back in June, but it is
still backordered.

Thanks,
Clint
WS1V

_____
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http://mail.yahoo.com

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Yahoo! Groups Sponsor

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<http://us.ard.yahoo.com/SIG=1290v2edi/M=295196.4901138.6071305.3001176/D=groups/S=1705063108:HM/EXP=1096637286/A=2128215/R=0/SIG=10se96mf6/*http:/companion.yahoo.com> click here

<http://us.adserver.yahoo.com/l?M=295196.4901138.6071305.3001176/D=groups/S=:HM/A=2128215/rand=859061181>

---

Yahoo! Groups Links

* To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

* To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo!
<http://docs.yahoo.com/info/terms/> Terms of Service.

[Non-text portions of this message have been removed]

# 2540. Re: TYransverter for 50/144/430 MHz

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-30 20:30:54 UTC
From: Max
Topic: 2538  Message: 2540

--- In TS-850_450_690@yahoogroups.com, "Leon" <leon2000@i...> wrote:
> Hi all
>
> can somebody tell me where I can find the transverter for 50/144/430
MHz for my ts850s/AT?
>
> 73
> IZØEHO Andrea
> http://www.iz0eho.com
>
> [Non-text portions of this message have been removed]

Elecraft makes 3 different models at about $350 US each.

# 2541. Re: [TS-850_450_690] TYransverter for 50/144/430 MHz

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-09-30 20:47:06 UTC
From: Mike (WZ5Q)
Topic: 2538  Message: 2541

Howdy Leon,
Down East Microwave makes some of the best transverters i have ever
used for weak signal work.. You have a choice of buying them either
assemled and tested or in kit form.
Here is the link to there website. They have an excellant Library
with very thought out explanations.

http://www.downeastmicrowave.com/

73,
Mike
WZ5Q

Leon wrote:

>Hi all
>
>can somebody tell me where I can find the transverter for 50/144/430 MHz for my ts850s/AT?
>
>73
>IZ?EHO Andrea
>http://www.iz0eho.com
>
>[Non-text portions of this message have been removed]
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
>
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>
>
>
>
>
>

# 2542. Re: TS-850 battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-01 01:26:38 UTC
From: arthurok_2000
Topic: 2534  Message: 2542

--- In TS-850_450_690@yahoogroups.com, "rick54045" <rick54045@y...>
wrote:
> I've had my TS-850SAT since I purchased it new in 1992. I've
heard
> of horror stories about leaking batteries, so every 5 years I
replace
> the memory back up battery as a precaution. I am considering
> using a set of AAA batteries next time. In the upper compartment
> where the VS-2 and DRU-2 are located, is enough room to install a
2
> cell AAA battery case and AAA batteries. I can then run the
wiring
> from the case to the appropriate point where the old battery was
> located. I figure if I twist the wires together, they would be
self
> shielding and thus would not couple RF while transmitting. Has
> anyone done this? If so what were the results?
>
> Eric N7DLV
how about trying to fit in a coin cell holder like ever
cheap computer motherboard uses "cr2032"

# 2543. project ts-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-01 01:29:21 UTC
From: arthurok_2000
Topic: 2543  Message: 2543

looking for a ts-850 in need of repair preferably sat model
"maybe if i get enthused i will design a better dsp unit
for it" im also into drakes and especially tr7s

# 2544. Re: TS-850 battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-01 09:09:48 UTC
From: rick54045
Topic: 2534  Message: 2544

Didn't think of that! Thanks for the tip! I'll look into it.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, "arthurok_2000"
<arthurok@a...> wrote:
> --- In TS-850_450_690@yahoogroups.com, "rick54045" <rick54045@y...>
> wrote:
> > I've had my TS-850SAT since I purchased it new in 1992. I've
> heard
> > of horror stories about leaking batteries, so every 5 years I
> replace
> > the memory back up battery as a precaution. I am considering
> > using a set of AAA batteries next time. In the upper compartment
> > where the VS-2 and DRU-2 are located, is enough room to install a
> 2
> > cell AAA battery case and AAA batteries. I can then run the
> wiring
> > from the case to the appropriate point where the old battery was
> > located. I figure if I twist the wires together, they would be
> self
> > shielding and thus would not couple RF while transmitting. Has
> > anyone done this? If so what were the results?
> >
> > Eric N7DLV
> how about trying to fit in a coin cell holder like ever
> cheap computer motherboard uses "cr2032"

# 2545. Re: [TS-850_450_690] Triplicate messages

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-01 12:29:38 UTC
From: Bill K0ZL
Topic: 2537  Message: 2545

Not me. How many times have you subscribed?
subscribed? subscribed?

bill (echoing off in the distance)

--- Abacus Technologies <abacus@...>
wrote:

> Anyone else getting triplicates from this list?
>
>
>
> Inquiring minds want to know.
>
>
>
> Inquiring minds want to know.
>
>
>
> Inquiring minds want to know. :-)
>
>
>
> Cheers,
>
> Dave Watkins
> President / CTO
> Abacus Technologies
> Calgary, Alberta, Canada
>
> abacus@...
>
> Voice: (403) 701-5746
> Fax: (403) 266-0626
>
>
> _____
>
> From: Phono-Guy [mailto:taephono@...]
> Sent: September 30, 2004 7:28 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] VS-2 and DRU-2 ...
> availability?
>
>

>
> Does anyone know where I can pick up a VS-2 and
> DRU-2
> for my TS850?
>
> I ordered a DRU-2 from AES back in June, but it is
> still backordered.
>
> Thanks,
> Clint
> WS1V
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
> protection around
> http://mail.yahoo.com
>
>
> THANKS FOR USING TS-850_450_690@...
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<http://us.ard.yahoo.com/SIG=1290v2edi/M=295196.4901138.6071305.3001176/D=gr
>
oups/S=1705063108:HM/EXP=1096637286/A=2128215/R=0/SIG=10se96mf6/*http:/compa
> nion.yahoo.com> click here
>
>
>
>
<http://us.adserver.yahoo.com/l?M=295196.4901138.6071305.3001176/D=groups/S=
> :HM/A=2128215/rand=859061181>
>
>
>
> _____
>
> Yahoo! Groups Links
>

> * To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
>
> * Your use of Yahoo! Groups is subject to the Yahoo!
> <http://docs.yahoo.com/info/terms/> Terms of
> Service.
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====

"If in doubt, MODIFY" --k0zl

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_____
Do you Yahoo!?
Declare Yourself - Register online to vote today!
http://vote.yahoo.com

# 2546. Re: [TS-850_450_690] Triplicate messages

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-01 12:32:13 UTC
From: Bill K0ZL
Topic: 2537  Message: 2546

WHOA... that was wierd! I checked your member status,
and you were there three times, same exact address! I
deleted two of the three; hit SAVE and they ALL went
away.

Looks like a bug in Yahoo's mail server indexing hit
ya... I had to re-invite you, just hit the subscribe
link once and you should be OK...

YOU may have to change your Yahoo ID to
"MatrixReloaded", hi.

bill K0ZL

--- Abacus Technologies <abacus@...>
wrote:

> Anyone else getting triplicates from this list?
>
>
>
> Inquiring minds want to know.
>
>
>
> Inquiring minds want to know.
>
>
>
> Inquiring minds want to know. :-)
>
>
>
> Cheers,
>
> Dave Watkins
> President / CTO
> Abacus Technologies
> Calgary, Alberta, Canada
>
> abacus@...
>
> Voice: (403) 701-5746
> Fax: (403) 266-0626
>
>

> _____
>
> From: Phono-Guy [mailto:taephono@...]
> Sent: September 30, 2004 7:28 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] VS-2 and DRU-2 ...
> availability?
>
>
>
> Does anyone know where I can pick up a VS-2 and
> DRU-2
> for my TS850?
>
> I ordered a DRU-2 from AES back in June, but it is
> still backordered.
>
> Thanks,
> Clint
> WS1V
>
> ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
> protection around
> http://mail.yahoo.com
>
>
> THANKS FOR USING TS-850_450_690@...
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> Yahoo! Groups Sponsor
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> ADVERTISEMENT
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>
<http://us.ard.yahoo.com/SIG=1290v2edi/M=295196.4901138.6071305.3001176/D=gr
>
oups/S=1705063108:HM/EXP=1096637286/A=2128215/R=0/SIG=10se96mf6/*http:/compa
> nion.yahoo.com> click here
>
>
>
>

<http://us.adserver.yahoo.com/l?M=295196.4901138.6071305.3001176/D=groups/S=
> :HM/A=2128215/rand=859061181>
>
>
>
> _____
>
> Yahoo! Groups Links
>
> * To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
>
> * Your use of Yahoo! Groups is subject to the Yahoo!
> <http://docs.yahoo.com/info/terms/> Terms of
> Service.
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====

"If in doubt, MODIFY" --k0zl

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---
Do you Yahoo!?
Yahoo! Mail - 50x more storage than other providers!
http://promotions.yahoo.com/new_mail

# 2547. Re: [TS-850_450_690] Re: TS-850 battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-01 12:50:53 UTC
From: Bill K0ZL
Topic: 2534  Message: 2547

The problem with coin cell or AAA holders is that now
you have a radio that is obviously modified; some guys
do real neat job, others you would like to take away
their velcro and hot melt glue guns... and tape for
gosh' sakes..

I always use the factory-type battery

b

--- arthurok_2000 <arthurok@...> wrote:

> --- In TS-850_450_690@yahoogroups.com, "rick54045"
> <rick54045@y...>
> wrote:
> > I've had my TS-850SAT since I purchased it new in
> 1992. I've
> heard
> > of horror stories about leaking batteries, so
> every 5 years I
> replace
> > the memory back up battery as a precaution. I am
> considering
> > using a set of AAA batteries next time. In the
> upper compartment
> > where the VS-2 and DRU-2 are located, is enough
> room to install a
> 2
> > cell AAA battery case and AAA batteries. I can
> then run the
> wiring
> > from the case to the appropriate point where the
> old battery was
> > located. I figure if I twist the wires together,
> they would be
> self
> > shielding and thus would not couple RF while
> transmitting. Has
> > anyone done this? If so what were the results?
> >
> > Eric N7DLV
> how about trying to fit in a coin cell
> holder like ever
> cheap computer motherboard uses "cr2032"
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2548. FSK, TS-850 and a Rigblaster question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-01 14:33:34 UTC
From: Zack
Topic: 2548  Message: 2548

I am a bit confused as to how to hook up my Rigblaster Pro to my TS-850 for FSK. Looking at the Kenwood manual, page 27 has a diagram of the ACC 2 pinout. On the Rigblaster FSK OUT (R6) jack, the sleeve goes to common ground and the tip goes to the FSK keying circuit, the ring of this connector is not used. Since the Rigblaster uses a 3 conductor plug for the signal out how would I wire the 2 together? Do I only need to use pins 8 and 3 to get them to talk?

Any info on this will be greatly appreciated.

73
Zack
N8FNR

# 2549. TS-450S Donor (parts) rig needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-03 02:04:24 UTC
From: n4ij
Topic: 2549  Message: 2549

I have a TS-450s that suffered some sort of indirect lightning pulse, since it was disconnected from the antenna and powered off. It transmits low power - looks like about 10 watts, is on frequency, since I can monitor the tx signal in another rig. It has no audio output, front display seems to work fine, all the buttons seem to change functions, etc. I haven't gone through all of the voltages on the boards yet - that is the next step. I do see that on the IF unit board, IC10, which is a TC9174F serial/parallel convertor has a small hle in the top of it, like it blew.

Ideas? Source of boards, if I can decide what is wrong? Sure wish I had another radio to use to narrow it down.

72 Doug, N4IJ in Carson, VA

# 2550. Re: TS-450S Donor (parts) rig needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-03 04:10:43 UTC
From: arthurok_2000
Topic: 2549  Message: 2550

--- In TS-850_450_690@yahoogroups.com, "n4ij" <snowden@p...> wrote:
>
> I have a TS-450s that suffered some sort of indirect lightning
> pulse, since it was disconnected from the antenna and powered off.
> It transmits low power - looks like about 10 watts, is on
frequency,
> since I can monitor the tx signal in another rig. It has no audio
> output, front display seems to work fine, all the buttons seem to
> change functions, etc. I haven't gone through all of the voltages
> on the boards yet - that is the next step. I do see that on the
IF
> unit board, IC10, which is a TC9174F serial/parallel convertor has
a
> small hle in the top of it, like it blew.
>
> Ideas? Source of boards, if I can decide what is wrong? Sure
wish
> I had another radio to use to narrow it down.
>
> 72 Doug, N4IJ in Carson, VA

www.mods.dk for a download of a service manual

# 2551. Re: TS-450S Donor (parts) rig needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-03 11:36:06 UTC
From: Richard Tesar
Topic: 2549  Message: 2551

--- In TS-850_450_690@yahoogroups.com, "n4ij" <snowden@p...> wrote:
>
> I have a TS-450s that suffered some sort of indirect lightning
> pulse, since it was disconnected from the antenna and powered off.
> It transmits low power - looks like about 10 watts, is on
frequency,
> since I can monitor the tx signal in another rig. It has no audio
> output, front display seems to work fine, all the buttons seem to
> change functions, etc. I haven't gone through all of the voltages
> on the boards yet - that is the next step. I do see that on the IF
> unit board, IC10, which is a TC9174F serial/parallel convertor has
a
> small hle in the top of it, like it blew.
>
> Ideas? Source of boards, if I can decide what is wrong? Sure
wish
> I had another radio to use to narrow it down.
>
> 72 Doug, N4IJ in Carson, VA

Hey Doug - If you get it working let me know what you did - I have one in much the same condition and am in the process of replacing some ordered parts to see IF I can get it working again - fun, huh?

Dick

WA4WIP

# 2552. TS 850 no transmit

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-04 23:24:14 UTC
From: gmcrewe
Topic: 2552  Message: 2552

Hi Guys!

I just picked up an 850 that works fine in receive but does not transmit. The rig draws 1.62 amps in receive and does not change when keyed up. It also does not completely shut the receive down in FM mode when keyed up. I have just received the service manual but I would like to know if anyone out there has an idea where I should start.

Many thanks and 73 for now.

George

VE3 TPD

# 2553. TS 850 No transmit

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-04 23:35:09 UTC
From: gmcrewe
Topic: 2553  Message: 2553

Hi Again!

I for got to say that when I tried the TX on this rig the antenna tuner was turned off. When I turn the ATU on and switch bands it tunes up the receive OK. I did my tests in am, usb,lsb,cw and FM. Again what puzzles me is the receive staying on in FM mode when the mike is keyed. I checked out the VOX and it works fine (except in FM).

73 for now,

George

VE3 TPD

# 2554. Re: [TS-850_450_690] TS 850 No transmit

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-05 12:51:03 UTC
From: Bill K0ZL
Topic: 2553  Message: 2554

8v rx and tx are getting mixed up somewhere.

b

--- gmcrewe <gmcrewe@...> wrote:

>
> Hi Again!
>
> I for got to say that when I tried the TX on this
> rig the antenna
> tuner was turned off. When I turn the ATU on and
> switch bands it tunes
> up the receive OK. I did my tests in am, usb,lsb,cw
> and FM. Again what
> puzzles me is the receive staying on in FM mode when
> the mike is
> keyed. I checked out the VOX and it works fine
> (except in FM).
>
> 73 for now,
>
> George
>
> VE3 TPD
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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http://messenger.yahoo.com

# 2555. Re: TS 850 No transmit

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-05 18:55:01 UTC
From: gmcrewe
Topic: 2553  Message: 2555

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> 8v rx and tx are getting mixed up somewhere.
>
> b
>
> --- gmcrewe <gmcrewe@m...> wrote:
>
> >
> > Hi Again!
> >
> > I for got to say that when I tried the TX on this
> > rig the antenna
> > tuner was turned off. When I turn the ATU on and
> > switch bands it tunes
> > up the receive OK. I did my tests in am, usb,lsb,cw
> > and FM. Again what
> > puzzles me is the receive staying on in FM mode when
> > the mike is
> > keyed. I checked out the VOX and it works fine
> > (except in FM).
> >
> > 73 for now,
> >
> > George
> >
> > VE3 TPD
> >
> > Hi Bill!

I have had new developments. I replaced c1 on the X50-3140 board as
it was leaking goo on to the board. I was lucky that things weren't
coroded there. I also found that after the rig is on for a minute or
two it loses receive as well.

George

VE3 TPD
> >
> >
>
>
> =====
>
> "If in doubt, MODIFY" --k0zl
>
> Need a tech? See our website www.amateur-repairs.com

>
>
>
>
>
>
> _____
> Do you Yahoo!?
> Express yourself with Y! Messenger! Free. Download now.
> http://messenger.yahoo.com

# 2556. Re: TS 850 No transmit

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-07 05:17:33 UTC
From: emailw8nf
Topic: 2553  Message: 2556

Check that board again, George. The TXB line runs directly under C1, and usually when C1 leaks, it shorts out that line - causing destruction of a driver transistor on the TRX unit (a small board standing on its side on the IF unit, I think). At least, several of this list's members told me that this is what happens, and just two weeks ago, I was able to diagnose exactly that behavior on my own TS-850 and fixed it. I yanked out the leaking cap, scraped out the damaged part of the PC board underneath it, added a jumper wire to jump across the PC board trace I cut in the scraping process, and added the new C1. Then I found the blown part on the TRX module and replaced the whole module.

My rig transmits again, although somehow in the process, I disabled my noise blankers and need to figure what connector I did not correctly re-attach.

Hope this helps,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "gmcrewe" <gmcrewe@m...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> > 8v rx and tx are getting mixed up somewhere.
> >
> > b
> >
> > --- gmcrewe <gmcrewe@m...> wrote:
> >
> > >
> > > Hi Again!
> > >
> > > I for got to say that when I tried the TX on this
> > > rig the antenna
> > > tuner was turned off. When I turn the ATU on and
> > > switch bands it tunes
> > > up the receive OK. I did my tests in am, usb,lsb,cw
> > > and FM. Again what
> > > puzzles me is the receive staying on in FM mode when
> > > the mike is
> > > keyed. I checked out the VOX and it works fine
> > > (except in FM).
> > >
> > > 73 for now,
> > >
> > > George

> > >
> > > VE3 TPD
> > >
> > > Hi Bill!
>
> I have had new developments. I replaced c1 on the X50-3140 board as
> it was leaking goo on to the board. I was lucky that things weren't
> coroded there. I also found that after the rig is on for a minute or
> two it loses receive as well.
>
> George
>
> VE3 TPD
> > >
> > >
> >
> >
> > =====
> >
> > "If in doubt, MODIFY" --k0zl
> >
> > Need a tech? See our website www.amateur-repairs.com
> >
> >
> >
> >
> >
> >
> > _________________________________
> > Do you Yahoo!?
> > Express yourself with Y! Messenger! Free. Download now.
> > http://messenger.yahoo.com

# 2557. CARRIER CONTROL DIFFICULT ON AM

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-07 14:48:45 UTC
From: Bill
Topic: 2557  Message: 2557

Gang,

My 450 has a problem:

On AM, the carrier control is very touchy to adjust; when I try to modulate it, it will go to full power until I reduce the carrier control again; then it might drift down to zero, or some far lower level than what I want.

Anyone have ideas before I dig into this?

I am going to look at the ALC control circuits first, obviously.

73,

Bill K0ZL

# 2558. Re: CARRIER CONTROL DIFFICULT ON AM

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-07 16:50:26 UTC
From: Richard Tesar
Topic: 2557  Message: 2558

--- In TS-850_450_690@yahoogroups.com, "Bill" <coorsbill@y...> wrote:
>
> Gang,
>
> My 450 has a problem:
>
> On AM, the carrier control is very touchy to adjust; when I try to
> modulate it, it will go to full power until I reduce the carrier
> control again; then it might drift down to zero, or some far lower
> level than what I want.
>
> Anyone have ideas before I dig into this?
>
> I am going to look at the ALC control circuits first, obviously.
>
> 73,
>
> Bill K0ZL

Hey wait a minute, Bill! You are supposed to KNOW ALL these things
and we come to you for ANSWERS - Hi!

Dick

WA4WIP

# 2559. Re: CARRIER CONTROL DIFFICULT ON AM

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-07 19:21:22 UTC
From: Max
Topic: 2557  Message: 2559

--- In TS-850_450_690@yahoogroups.com, "Richard Tesar" <ricwip@a...>
wrote:

> Hey wait a minute, Bill! You are supposed to KNOW ALL these things
> and we come to you for ANSWERS - Hi!
>
> Dick
>
> WA4WIP

I think he is testing us Dick!

Max

# 2560. Re: [TS-850_450_690] Re: CARRIER CONTROL DIFFICULT ON AM

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-07 22:29:28 UTC
From: Bill K0ZL
Topic: 2557  Message: 2560

Fixed. Had to adjust the ALC 2.5 volt bias voltage,
straightened it right out. Control is still very
touchy but it stays where it is set now.

bill

--- Richard Tesar <ricwip@...> wrote:

>
> --- In TS-850_450_690@yahoogroups.com, "Bill"
> <coorsbill@y...> wrote:
> >
> > Gang,
> >
> > My 450 has a problem:
> >
> > On AM, the carrier control is very touchy to
> adjust; when I try to
> > modulate it, it will go to full power until I
> reduce the carrier
> > control again; then it might drift down to zero,
> or some far lower
> > level than what I want.
> >
> > Anyone have ideas before I dig into this?
> >
> > I am going to look at the ALC control circuits
> first, obviously.
> >
> > 73,
> >
> > Bill K0ZL
>
> Hey wait a minute, Bill! You are supposed to KNOW
> ALL these things
> and we come to you for ANSWERS - Hi!
>
> Dick
>
> WA4WIP
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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_____
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# 2561. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-11 16:41:40 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 2561

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /tib850.pdf
Uploaded by : vtnn43e48073 <vtnn43e@...>
Description : Downeast Micowave TIB850 transverter interface board for the TS-850

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/tib850.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

vtnn43e48073 <vtnn43e@...>

# 2562. Re: TS-450S Donor (parts) rig needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-11 17:22:48 UTC
From: Richard Tesar
Topic: 2549  Message: 2562

--- In TS-850_450_690@yahoogroups.com, "Richard Tesar" <ricwip@a...>
wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "n4ij" <snowden@p...> wrote:
> >
> > I have a TS-450s that suffered some sort of indirect lightning
> > pulse, since it was disconnected from the antenna and powered
off.
> > It transmits low power - looks like about 10 watts, is on
> frequency,
> > since I can monitor the tx signal in another rig. It has no audio
> > output, front display seems to work fine, all the buttons seem
to
> > change functions, etc. I haven't gone through all of the
voltages
> > on the boards yet - that is the next step. I do see that on the
IF
> > unit board, IC10, which is a TC9174F serial/parallel convertor
has
> a
> > small hle in the top of it, like it blew.
> >
> > Ideas? Source of boards, if I can decide what is wrong? Sure
> wish
> > I had another radio to use to narrow it down.
> >
> > 72 Doug, N4IJ in Carson, VA
>
> Hey Doug - If you get it working let me know what you did - I have
> one in much the same condition and am in the process of replacing
> some ordered parts to see IF I can get it working again - fun, huh?
>
> Dick
>
> WA4WIP

Doug - have you had any luck with the 450 as yet? Send me ur email
address if you would - I got a couple of questions to ask you.

Dick
WA4WIP
ricwip@...

# 2563. Help!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-12 17:38:27 UTC
From: Karl
Topic: 2563  Message: 2563

Now I've done it: Got myself a nice DSP-100 off ebay, price about
right.
I was looking forward to test it with my TS-850, but: The thing is
quite dead.
The first thing I noticed was that the interface didn't work with
the DSP-100 in-line.
I then checked what I could of voltages, and they seem to be
ok, but I haven't got the service manual, only the schematics, so
the checking is difficult. I have also checked the cables, and they
test ok.
Now the question is: Does anyone have the service manual, PDF or
copy?
I could do with some advice.

Yours
Karl LA1CU

# 2564. Re: [TS-850_450_690] Help!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-12 18:41:27 UTC
From: Mike (WZ5Q)
Topic: 2563  Message: 2564

Howdy,
Without much info to go on.... the very first thing I would check would be the Solder connections between the 2ea RCA Jacks and the PC Board of the DSP-100. These are NOTORIOUS for cracking over time from connecting and disconnecting the RCA Cables.
Mike
WZ5Q

Karl wrote:

>Now I've done it: Got myself a nice DSP-100 off ebay, price about
>right.
>I was looking forward to test it with my TS-850, but: The thing is
>quite dead.
>The first thing I noticed was that the interface didn't work with
>the DSP-100 in-line.
>I then checked what I could of voltages, and they seem to be
>ok, but I haven't got the service manual, only the schematics, so
>the checking is difficult. I have also checked the cables, and they
>test ok.
>Now the question is: Does anyone have the service manual, PDF or
>copy?
>I could do with some advice.
>
>Yours
>Karl LA1CU
>
>
>
>
>
>

# 2565. Re: Help!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-12 20:05:13 UTC
From: Karl
Topic: 2563  Message: 2565

--- In TS-850_450_690@yahoogroups.com, "Mike (WZ5Q)" <wz5q@j...>
wrote:
> Howdy,
> Without much info to go on.... the very first thing I would check
would
> be the Solder connections between the 2ea RCA Jacks and the PC
Board of
> the DSP-100. These are NOTORIOUS for cracking over time from
connecting
> and disconnecting the RCA Cables.
> Mike
> WZ5Q
>
Howdy Mike and group,
No, I agree there isn't much to go on. I've checked the RCA
connectors, and they seem fine (I've resoldered them), but it still
doesn't work.
When unfastening the board and looking on the backside, I can see
that there probably has been some repair made. This is under the
compartment, which contains among other things, a CMOS logic IC and
a freq. divider. (MC14568BPL and M54460L). Some of the SM
transistors appear to have been very hot, by the looks of them as
well. Two have been changed, and replacemants soldered in.
But I really don't know what to look for and what measurements to
make, only having the scan of the diagram, and no way to identify
the various components.
When I try it, nothing happens. No click or any other sound in the
phones.

??
Karl
LA1CU

# 2566. Re: [TS-850_450_690] Re: Help!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-12 20:34:02 UTC
From: Mike (WZ5Q)
Topic: 2563  Message: 2566

Ok Karl,
Sorry to hear that. I do have some good news though.
I have a Service Manual for the DSP-100.
Im in the process of scanning it now. After i figure how to zip it and
upload it somewhere, at least you'll have some techy info!!
Mike
WZ5Q

Karl wrote:

>--- In TS-850_450_690@yahoogroups.com, "Mike (WZ5Q)" <wz5q@j...>
>wrote:
>
>
>>Howdy,
>>Without much info to go on.... the very first thing I would check
>>
>>
>would
>
>
>>be the Solder connections between the 2ea RCA Jacks and the PC
>>
>>
>Board of
>
>
>>the DSP-100. These are NOTORIOUS for cracking over time from
>>
>>
>connecting
>
>
>>and disconnecting the RCA Cables.
>>Mike
>>WZ5Q
>>
>>
>>
>Howdy Mike and group,
>No, I agree there isn't much to go on. I've checked the RCA
>connectors, and they seem fine (I've resoldered them), but it still
>doesn't work.
>When unfastening the board and looking on the backside, I can see
>that there probably has been some repair made. This is under the

>compartment, which contains among other things, a CMOS logic IC and
>a freq. divider. (MC14568BPL and M54460L). Some of the SM
>transistors appear to have been very hot, by the looks of them as
>well. Two have been changed, and replacemants soldered in.
>But I really don't know what to look for and what measurements to
>make, only having the scan of the diagram, and no way to identify
>the various components.
>When I try it, nothing happens. No click or any other sound in the
>phones.
>
>??
>Karl
>LA1CU
>
>
>
>

# 2567. Re: Help!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-12 20:46:25 UTC
From: Karl
Topic: 2563  Message: 2567

Hi Mike,
The service manual would be a great help, so if you're willing to upload it to the files area or something, I would really be greatful. I would like to have a go at repairing this thing, don't you think?

Karl
LA1CU
--- In TS-850_450_690@yahoogroups.com, "Mike (WZ5Q)" <wz5q@j...>
wrote:
> Ok Karl,
> Sorry to hear that. I do have some good news though.
> I have a Service Manual for the DSP-100.
> Im in the process of scanning it now. After i figure how to zip it
and
> upload it somewhere, at least you'll have some techy info!!
> Mike
> WZ5Q
>
> Karl wrote:
>
> >--- In TS-850_450_690@yahoogroups.com, "Mike (WZ5Q)" <wz5q@j...>
> >wrote:
> >
> >
> >>Howdy,
> >>Without much info to go on.... the very first thing I would
check
> >>
> >>
> >would
> >
> >
> >>be the Solder connections between the 2ea RCA Jacks and the PC
> >>
> >>
> >Board of
> >
> >
> >>the DSP-100. These are NOTORIOUS for cracking over time from
> >>
> >>
> >connecting
> >
> >

> >>and disconnecting the RCA Cables.
> >>Mike
> >>WZ5Q
> >>
> >>
> >>
> >Howdy Mike and group,
> >No, I agree there isn't much to go on. I've checked the RCA
> >connectors, and they seem fine (I've resoldered them), but it
still
> >doesn't work.
> >When unfastening the board and looking on the backside, I can see
> >that there probably has been some repair made. This is under the
> >compartment, which contains among other things, a CMOS logic IC
and
> >a freq. divider. (MC14568BPL and M54460L). Some of the SM
> >transistors appear to have been very hot, by the looks of them as
> >well. Two have been changed, and replacemants soldered in.
> >But I really don't know what to look for and what measurements to
> >make, only having the scan of the diagram, and no way to identify
> >the various components.
> >When I try it, nothing happens. No click or any other sound in
the
> >phones.
> >
> >??
> >Karl
> >LA1CU
> >
> >
> >
> >

# 2568. Re: [TS-850_450_690] Re: Help!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-13 00:16:55 UTC
From: Mike (WZ5Q)
Topic: 2563  Message: 2568

Ok Karl,
I have the DSP-100 Service Manual scaned and it is uploading to my FTP
server now. It should be available in about 45 minutes.
It is a 7.6 Mb .zip file, so be ready for a wait.
Just go to http://www.wz5q.com , then goto "The Shack" page, scroll all
the way to the bottom and you will see the Link.
Cant miss it. When you see the link it will be ready for download.
Hope ya can fix it.
73,
Mike
WZ5Q

Karl wrote:

>Hi Mike,
>The service manual would be a great help, so if you're willing to
>upload it to the files area or something, I would really be
>greatful. I would like to have a go at repairing this thing, don't
>you think?
>
>Karl
>LA1CU
>--- In TS-850_450_690@yahoogroups.com, "Mike (WZ5Q)" <wz5q@j...>
>wrote:
>
>

# 2569. Re: Help!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-13 18:01:07 UTC
From: Karl
Topic: 2563  Message: 2569

Hi Mike, and thanks alot.
I've downloaded it and printed it out, really nice. So now I got to
start measuring. Don't think it will be tonight, but I will post my
findings and q's when I've got them.

Karl
LA1CU
--- In TS-850_450_690@yahoogroups.com, "Mike (WZ5Q)" <wz5q@j...>
wrote:
> Ok Karl,
> I have the DSP-100 Service Manual scaned and it is uploading to my
FTP
> server now. It should be available in about 45 minutes.
> It is a 7.6 Mb .zip file, so be ready for a wait.
> Just go to http://www.wz5q.com , then goto "The Shack" page,
scroll all
> the way to the bottom and you will see the Link.
> Cant miss it. When you see the link it will be ready for download.
> Hope ya can fix it.
> 73,
> Mike
> WZ5Q
>
> Karl wrote:
>
> >Hi Mike,
> >The service manual would be a great help, so if you're willing to
> >upload it to the files area or something, I would really be
> >greatful. I would like to have a go at repairing this thing,
don't
> >you think?
> >
> >Karl
> >LA1CU
> >--- In TS-850_450_690@yahoogroups.com, "Mike (WZ5Q)" <wz5q@j...>
> >wrote:
> >
> >

# 2570. TS-850 Noise Blanker Mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-22 23:41:41 UTC
From: kf3f
Topic: 2570  Message: 2570

I just finished doing the noise blanker mod on my TS-850.
What a major difference on AM. If you haven't yet done this mod, it's
well worth the effort.

73 - Carl (KF3F)

# 2571. TS 850 or TS870

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-22 23:43:02 UTC
From: allenlp1
Topic: 2571  Message: 2571

I would like to get input on these 2 radios I know the 870 has dsp
but I have a dsp-100.
What would I gain by getting the 870 over the 850 please offer pro's
and con's
Thanks Allen N0YSL

# 2572. Fw: [TS-850_450_690] TS 850 or TS870

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-23 00:00:23 UTC
From: VK4TUX
Topic: 2572  Message: 2572

You could sell the dsp100 to me :) and use the TS870.?

cheers

Adrian VK4TUX
----- Original Message -----
From: allenlp1
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, October 23, 2004 9:43 AM
Subject: [TS-850_450_690] TS 850 or TS870

I would like to get input on these 2 radios I know the 870 has dsp
but I have a dsp-100.
What would I gain by getting the 870 over the 850 please offer pro's
and con's
Thanks Allen N0YSL

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[Non-text portions of this message have been removed]

# 2573. Re: [TS-850_450_690] TS-850 Noise Blanker Mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-23 00:53:05 UTC
From: Bill K0ZL
Topic: 2570  Message: 2573

Thanks Carl!

b

--- kf3f <kf3f@...> wrote:

>
> I just finished doing the noise blanker mod on my
> TS-850.
> What a major difference on AM. If you haven't yet
> done this mod, it's
> well worth the effort.
>
> 73 - Carl (KF3F)
>
>
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>

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"If in doubt, MODIFY" --k0zl

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# 2574. Re: [TS-850_450_690] TS 850 or TS870

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-23 12:18:57 UTC
From: Eric
Topic: 2571  Message: 2574

I have both, but have owned the 870 for a mere week and feel a comparison would come up short for now. In side by side receive and filtering, the 870 is only a tad better. With the correct adjustments to each, they are very good. My 850/dsp100 seems to have more power out put in all modes, but it was probably tuned up that way. Here is a link with just your question.

www.eham.net/forums/StationBuilding/900

Eric

----- Original Message -----
From: allenlp1
To: TS-850_450_690@yahoogroups.com
Sent: Friday, October 22, 2004 6:43 PM
Subject: [TS-850_450_690] TS 850 or TS870

I would like to get input on these 2 radios I know the 870 has dsp
but I have a dsp-100.
What would I gain by getting the 870 over the 850 please offer pro's
and con's
Thanks Allen N0YSL

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[Non-text portions of this message have been removed]

# 2575. Re: [TS-850_450_690] TS 850 or TS870

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-23 15:26:41 UTC
From: Mike (WZ5Q)
Topic: 2571  Message: 2575

Howdy Allen,
I have 3ea TS-850s and DSP-100's.
1 is used for Enhanced SSB, 1 is used for AM, and one is used as a Master Transverter IF.
I used to have a TS-870 and have had it side by side with the TS-850s for about 2 months for comparison.
They are both VERY good tranceivers and it really comes down to how you will be using them to really pick one over the other. I'll give you my 2 cents worth, this is all seat of the pants comparisons.
_*RECIEVER

Fidelity (*Frequency Response)

_Well, the TS-870 right "OUT OF THE BOX" with no modifications at all will blow the _STOCK_ TS-850s out of the water when it comes to Frequency Response and Fidelity.
The TS-870 frequency Respose is flat from practicaly DC to 6Kc.
The STOCK TS-850s with the DSP-100 has a Low Freq. roll off starting at 150cps on down, and a High Freq. roll off starting at 4Kc and above.
The TS-850s CAN be modified to give a flat Frequency Response from 20cps to 6Kc. All of mine have this modification. With the TS-850s modified, It is equal to the TS-870 Fidelity.
(NOTE: there are some Purists that dont like the Fidelity of the TS-870 due to the complete DSP IF. They say it gives it a "different" sound. There is a difference, but I would almost call it a "FM Stereo" type sound that is VERY pleasing to the ear. It is smoooooth!)

_*Selectivity & Sensitivity

*_Well, here i would have to say the TS-850s shines a little brighter than the TS-870.
They are both very Sensitive...i really couldnt tell a difference there, but the Strong Signal Handling and Selectivity go to the TS-850s.
The TS-850s & DSP-100 combo use a combination of DSP and Crystal Filters for the IF Filtering. The first 8.83Mc IF uses Crystal/Ceramic filters, the second 455kc IF uses Crystal/Ceramic Filters or DSP if the DSP-100 is engaged. With this combonation, and the right filter selections, the Selectivity is terriffic.
The TS-870 IF Filtering is Totally Digital DSP. It seemed that on very Strong and Close together signals....The TS-870 suffered compared to the TS-850s. The AIP function engaged along with RF Gain adjustments helped...but the TS-850s still beat it out.

_*TR*__*ANSMITTER

Fidelity* (Frequency Response)*

*_Well again, the TS-870 right "OUT OF THE BOX" with no modifications at all will beat the _STOCK_ TS-850s when it comes to Transmit Frequency Response and Fidelity.
The TS-870 has an Excellant Transmit Frequency Response from 40cps to 3.2Kc. This of course can be adjusted in the Menus to shape the Transmit Audio to your likeing.
The STOCK TS-850s also sounds good, but going in thru the Mic Plug, the Mic amps roll off the Low Frequencies from about 150cps on down. If you try to push the audio thru, it will start to distort.
_BUT!!_ with the TS-850s modified to input the audio straight into the DSP-100 unit bypassing the Mic amps, The TS-850s rules. It is clean and beutiful audio. This is of course SSB. On AM the best way to input the audio is into the Balanced Modulator with the DSP-100 disengaged.

_*Power Output*_

The TS-870 came from the factory putting out 90watts. I enterd the "secret" menu and turned the power up to 120watts. It can goto 160watts but that is really too much, the drivers cant take it.
The TS-850s is almost identicle in this respect.

To sum it all up,
If you Do Not want to play HiFi Audio, then the only big difference between the two rigs is Selectivity. I think you have way more control with the TS-850s & DSP-100 combo.
Between _STOCK_ rigs.....the TS-870 beats out the TS-850s on all other aspects.
Between Stock TS-870 and a _Modified_ TS-850s & DSP-100 combo.....The TS-850s wins.
It was a hard desicion for me to sell the TS-870, it is a great rig.
.....But alot of people will tend to disagree with me.

Hope this helps ya,
Mike
WZ5Q
From Deep Down in the Dark Dismall Swamps of the Calcaseau

allenlp1 wrote:

>I would like to get input on these 2 radios I know the 870 has dsp
>but I have a dsp-100.
>What would I gain by getting the 870 over the 850 please offer pro's
>and con's
> Thanks Allen N0YSL
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# 2576. Re: [TS-850_450_690] TS 850 or TS870

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-25 14:14:07 UTC
From: Bill K0ZL
Topic: 2571  Message: 2576

There is a mod to re-allocate stage gain in the 870 to
give it the same dynamic range or lack of intermod on
strong sigs, or something... I have done two of these
mods for guys that really liked the results.

One owner also wanted the Inrad filters installed in
the first and second IF... both required off-board
mounting of the filters, whereas the 850 is a plug in
deal.

Have not had to do the mod on the 850, everyone seems
to be happy with them as is.

I have played with both and they are both great rigs,
modded or not.

You could sell the DSP-100 and 850 and make enough to
buy a new 870 with filters... Or hang onto them, sell
them later and have enough to pay for a semester of
college, hi!

Bill

--- allenlp1 <allenlp@...> wrote:

>
> I would like to get input on these 2 radios I know
> the 870 has dsp
> but I have a dsp-100.
> What would I gain by getting the 870 over the 850
> please offer pro's
> and con's
> Thanks Allen N0YSL
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# 2577. No Transmit on 15 and 17 meters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-28 03:32:51 UTC
From: gmcrewe
Topic: 2577  Message: 2577

Hi Guys!

I have a ts850 that I just fixed up (new C1 and TRX module). Since I replaced these parts the rig works fine except that it will not load up on 15 or 17 meters. It works fine on all other bands (100 watts on 10 mters and 12 meters no problem. Does any one have any sugestions? The rig receives fine on these bands and when I go to transmit it seems that the driver is working because I receive the signal on my Drake R4.

73 for now,

George Crewe
VE3 TPD

# 2578. Re: [TS-850_450_690] TS-850S/AT receiver noisy?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-29 18:20:05 UTC
From: Bill K0ZL
Topic: 2473  Message: 2578

Not mine.

I run AIP ON (preamp off) most of the time, it's as
quiet as the Drakes

b

--- ik5wqo <ik5wqo@...> wrote:

> Hello, i am curious about opinions about Kenwood 850
> receiver : compared to
> today's receivers, do you consider it noisy ?
>
> I am comparing my TS-850S/AT with my Yaesu FT-100d,
> both using the same
> antenna, and little Yaesu's reception often seems to
> be much more clear and
> without background noise.
> Of course i am not using DSP on none of the rigs,
> and i am not using AIP or
> ATT .
>
> What do you think about it ? It's normal?
>
> The antenna i am using is an indoor, attic-mounted,
> multiband dipole (i
> know, maybe an external antenna would be much better
> !!!).
> I have also tested both with an external long wire,
> and i have had the same
> impression.
>
> Your opinion?
>
> Thank you,
> 73 de Riccardo IK5WQO
>
>
>

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"If in doubt, MODIFY" --k0zl

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# 2579. TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-29 18:25:38 UTC
From: Mike,W8KRR
Topic: 2579  Message: 2579

I designed the Drake TR-7, the Heath SB-104, and have kept pretty close track of all other radios -
in my opinion, the 850 is far better than most, and probably the best value out there!
Mike

# 2580. Where I can find a preselector?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-29 18:29:52 UTC
From: Leon
Topic: 2580  Message: 2580

Hi all
I would like to try a preselector with my TS850S/AT but people told me not buy an MFJ they are like a toy prefer a surplus one.
Any one have a suggestion? where to find one? Is it true about the MFJ?

Regards

IZØEHO Andrea
http://www.iz0eho.com

[Non-text portions of this message have been removed]

# 2581. Re: [TS-850_450_690] TS-850S/AT receiver noisy?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-29 18:33:09 UTC
From: ik5wqo
Topic: 2473  Message: 2581

Yes, i agree.
My mistake WAS to keep AIP every time off, so preamp switched ON on all bands... And noise WAS vy heavy...
Now i keep AIP ON quite everytime (turning on preamp only on higher bands when them are particularly clear), and everything is running really nice :-)

Thank You,

73 de Riccardo IK5WQO

----- Original Message -----
From: Bill K0ZL
To: TS-850_450_690@yahoogroups.com
Sent: Friday, October 29, 2004 8:20 PM
Subject: Re: [TS-850_450_690] TS-850S/AT receiver noisy?

Not mine.

I run AIP ON (preamp off) most of the time, it's as
quiet as the Drakes

b

--- ik5wqo <ik5wqo@...> wrote:

> Hello, i am curious about opinions about Kenwood 850
> receiver : compared to
> today's receivers, do you consider it noisy ?
>
> I am comparing my TS-850S/AT with my Yaesu FT-100d,
> both using the same
> antenna, and little Yaesu's reception often seems to
> be much more clear and
> without background noise.
> Of course i am not using DSP on none of the rigs,
> and i am not using AIP or
> ATT .
>
> What do you think about it ? It's normal?
>
> The antenna i am using is an indoor, attic-mounted,
> multiband dipole (i
> know, maybe an external antenna would be much better
> !!!).
> I have also tested both with an external long wire,
> and i have had the same
> impression.

>
> Your opinion?
>
> Thank you,
> 73 de Riccardo IK5WQO
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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[Non-text portions of this message have been removed]

# 2582. Re: [TS-850_450_690] Where I can find a preselector?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-29 19:46:01 UTC
From: Bill K0ZL
Topic: 2580  Message: 2582

Not recommended!

The 850 has more than enough gain and selectivity..
the preselector should be used with older rigs that
have problem with sensitivity.

Bill K0ZL

--- Leon <leon2000@...> wrote:

> Hi all
> I would like to try a preselector with my TS850S/AT
> but people told me not buy an MFJ they are like a
> toy prefer a surplus one.
> Any one have a suggestion? where to find one? Is it
> true about the MFJ?
>
> Regards
>
> IZ?EHO Andrea
> http://www.iz0eho.com
>
> [Non-text portions of this message have been
> removed]
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>

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"If in doubt, MODIFY" --k0zl

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# 2583. Re: TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-30 22:47:18 UTC
From: John
Topic: 2579  Message: 2583

Mike,

In addition to my TS-850, I still use my TR-7 actively. Thanks so much for the transceiver. They both are members of the "permanent collection" at the main operating position. The Drake 4 line is there also, as is the 75A4.

John - W4BA

--- In TS-850_450_690@yahoogroups.com, "Mike,W8KRR" <w8krr@a...> wrote:
> I designed the Drake TR-7, the Heath SB-104, and have kept pretty close
> track of all other radios -
> in my opinion, the 850 is far better than most, and probably the best
> value out there!
> Mike

# 2584. Re: Where I can find a preselector?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-30 22:51:46 UTC
From: John
Topic: 2580  Message: 2584

Andrea, Have you tried the mod. to leave the antenna tuner in line in the receive mode? That might do the trick if you have extreme overload. And keep the preamp off, of course.

John

--- In TS-850_450_690@yahoogroups.com, "Leon" <leon2000@i...> wrote:
> Hi all
> I would like to try a preselector with my TS850S/AT but people told me not buy an MFJ they are like a toy prefer a surplus one.
> Any one have a suggestion? where to find one? Is it true about the MFJ?
>
> Regards
>
> IZØEHO Andrea
> http://www.iz0eho.com
>
> [Non-text portions of this message have been removed]

# 2585. Re: [TS-850_450_690] Re: Where I can find a preselector?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-31 10:10:56 UTC
From: Leon
Topic: 2580  Message: 2585

Hi John and all

normally I have the AIP selected ON but I did not heard about the mod. on the tuner. Can you tell me something more? anyway I have a international broadcasting site near my house so i need to have on the lower band more selectivity.
IZØEHO Andrea
http://www.iz0eho.com
----- Original Message -----
From: John
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, October 30, 2004 11:51 PM
Subject: [TS-850_450_690] Re: Where I can find a preselector?

Andrea, Have you tried the mod. to leave the antenna tuner in line in
the receive mode? That might do the trick if you have extreme
overload. And keep the preamp off, of course.

John

--- In TS-850_450_690@yahoogroups.com, "Leon" <leon2000@i...> wrote:
> Hi all
> I would like to try a preselector with my TS850S/AT but people told
me not buy an MFJ they are like a toy prefer a surplus one.
> Any one have a suggestion? where to find one? Is it true about the MFJ?
>
> Regards
>
> IZØEHO Andrea
> http://www.iz0eho.com
>
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# 2586. Re: [TS-850_450_690] Re: Where I can find a preselector?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-31 13:38:16 UTC
From: Bill K0ZL
Topic: 2580  Message: 2586

Group, I don't recommend the AT-rx mod.. the AT unit
generates significant digital noise that is quite
noticeable on 10-15 meters. I took the mod out of
mine.

The AT unit will not add significant in-band
selectivity at any rate.

Without knowing the original problem, solutions are
just conjecture.

b

--- John <sailfree4me@...> wrote:

>
>
> Andrea, Have you tried the mod. to leave the
> antenna tuner in line in
> the receive mode? That might do the trick if you
> have extreme
> overload. And keep the preamp off, of course.
>
> John
>
> --- In TS-850_450_690@yahoogroups.com, "Leon"
> <leon2000@i...> wrote:
> > Hi all
> > I would like to try a preselector with my
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> > [Non-text portions of this message have been
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# 2587. TS-450S mystery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-31 17:00:54 UTC
From: fredatgrb
Topic: 2587  Message: 2587

Here's a strange one: I feed my TS-450S through an MFJ-969 tuner to either a vertical or a random wire. Minimum SWR cames at very different settings, depending on whether you believe the tuner or the 450's SWR reading. Also, the 450 tells me it's putting out about 90 watts, while the tuner says about 25 watts. Since I get good reports, I believe the rig, not the tuner, and of course I tune for minimum SWR as read on the 450, and ignore the tuner. The signal also goes through a coax switch (which allows me to run a HW-8 through the same antenna setup), but that's not an issue, since the condition persists if I bypass the switch.
As I say, it's academic, since the rig really gets out, but I am curious. Any ideas?
Fred, W1NYL

# 2588. Re: [TS-850_450_690] TS-450S mystery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-31 17:50:43 UTC
From: Zack Widup
Topic: 2587  Message: 2588

I'd believe the rig over the 969.

I have an MFJ-969 and the SWR bridge diodes were blown out by a thunderstorm a few years ago. I replaced with 1N34's but the readings have never been the same since.

Have the diodes in your MFJ-969 ever been replaced?

Zack W9SZ

On Sun, 31 Oct 2004, fredatgrb wrote:

>
>
> Here's a strange one: I feed my TS-450S through an MFJ-969
> tuner to either a vertical or a random wire. Minimum SWR
> cames at very different settings, depending on whether you
> believe the tuner or the 450's SWR reading. Also, the 450 tells
> me it's putting out about 90 watts, while the tuner says about 25
> watts. Since I get good reports, I believe the rig, not the tuner,
> and of course I tune for minimum SWR as read on the 450, and
> ignore the tuner. The signal also goes through a coax switch
> (which allows me to run a HW-8 through the same antenna
> setup), but that's not an issue, since the condition persists if I
> bypass the switch.
> As I say, it's academic, since the rig really gets out, but I am
> curious. Any ideas?
> Fred, W1NYL
>

# 2589. TS 850sat Frequency extension

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-31 17:51:37 UTC
From: Nik Read
Topic: 2589  Message: 2589

Hi All,
Wonder if any one could help ??.. As You might of heard, as from the 31st October 2004 the 40m band in the UK has been extended to 7.200Mhz.
My Question is, can I extend the tx on 40m without having 0-30Mhz TX coverage. I have the mod for that.

Anyone any Ideas ?? Please...

The 850 is still my Favorite radio !!

Cheer's
Nik M5DND

# 2590. Re: [TS-850_450_690] TS-450S mystery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-31 18:21:00 UTC
From: Frederick Van Veen
Topic: 2587  Message: 2590

No, but that's a thought. But except for the kooky readings, the tuner seems to work. That is, the meter deflection changes when the controls are adjusted. I wouldn't expect that if the bridge diodes were blown. It's easy enough to check the diodes, so I will.
Fred
On Sunday, October 31, 2004, at 12:50 PM, Zack Widup wrote:

>
> I'd believe the rig over the 969.
>
> I have an MFJ-969 and the SWR bridge diodes were blown out by a
> thunderstorm a few years ago. I replaced with 1N34's but the readings
> have never been the same since.
>
> Have the diodes in your MFJ-969 ever been replaced?
>
> Zack W9SZ
>
>
> On Sun, 31 Oct 2004, fredatgrb wrote:
>
>>
>>
>> Here's a strange one: I feed my TS-450S through an MFJ-969
>> tuner to either a vertical or a random wire. Minimum SWR
>> cames at very different settings, depending on whether you
>> believe the tuner or the 450's SWR reading. Also, the 450 tells
>> me it's putting out about 90 watts, while the tuner says about 25
>> watts. Since I get good reports, I believe the rig, not the tuner,
>> and of course I tune for minimum SWR as read on the 450, and
>> ignore the tuner. The signal also goes through a coax switch
>> (which allows me to run a HW-8 through the same antenna
>> setup), but that's not an issue, since the condition persists if I
>> bypass the switch.
>> As I say, it's academic, since the rig really gets out, but I am
>> curious. Any ideas?
>> Fred, W1NYL
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# 2591. Re: [TS-850_450_690] TS-450S mystery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-10-31 19:48:33 UTC
From: Denis O' Flynn
Topic: 2587  Message: 2591

I had to change both boards in the 969 as they got a belt of lightening. Had
to calibrate the new boards.
Have you tried putting a good power meter between the 969 and a dummy load??
If not it might be an idea. Tune for low and high.

Have my 850 S AT since 1991. Brilliant rig.

Denis EI6HB

----- Original Message -----
From: "Frederick Van Veen" <fred.grb@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, October 31, 2004 6:21 PM
Subject: Re: [TS-850_450_690] TS-450S mystery

>
> No, but that's a thought. But except for the kooky readings, the tuner
> seems to work. That is, the meter deflection changes when the controls
> are adjusted. I wouldn't expect that if the bridge diodes were blown.
> It's easy enough to check the diodes, so I will.
> Fred
> On Sunday, October 31, 2004, at 12:50 PM, Zack Widup wrote:
>
>>
>> I'd believe the rig over the 969.
>>
>> I have an MFJ-969 and the SWR bridge diodes were blown out by a
>> thunderstorm a few years ago. I replaced with 1N34's but the readings
>> have never been the same since.
>>
>> Have the diodes in your MFJ-969 ever been replaced?
>>
>> Zack W9SZ
>>
>>
>> On Sun, 31 Oct 2004, fredatgrb wrote:
>>
>>>
>>>
>>> Here's a strange one: I feed my TS-450S through an MFJ-969
>>> tuner to either a vertical or a random wire. Minimum SWR
>>> cames at very different settings, depending on whether you
>>> believe the tuner or the 450's SWR reading. Also, the 450 tells
>>> me it's putting out about 90 watts, while the tuner says about 25
>>> watts. Since I get good reports, I believe the rig, not the tuner,
>>> and of course I tune for minimum SWR as read on the 450, and

>>> ignore the tuner. The signal also goes through a coax switch
>>> (which allows me to run a HW-8 through the same antenna
>>> setup), but that's not an issue, since the condition persists if I
>>> bypass the switch.
>>> As I say, it's academic, since the rig really gets out, but I am
>>> curious. Any ideas?
>>> Fred, W1NYL
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>> THANKS FOR USING TS-850_450_690@...
>> Yahoo! Groups Links
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 2592. Re: [TS-850_450_690] TS 850sat Frequency extension

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-01 15:53:23 UTC
From: Bill K0ZL
Topic: 2589  Message: 2592

NO mod to do just 7.1-7.2. Open the thing up, and
then "resist temptation" to transmit out of band.

This will also give you 60M, for when you get auth for
that band also. Hopefully soon.

73,

Bill

--- Nik Read <g7dnd.nread@...> wrote:

>
>
> Hi All,
> Wonder if any one could help ??.. As You might of
> heard, as from
> the 31st October 2004 the 40m band in the UK has
> been extended to
> 7.200Mhz.
> My Question is, can I extend the tx on 40m without
> having 0-30Mhz TX
> coverage. I have the mod for that.
>
> Anyone any Ideas ?? Please...
>
> The 850 is still my Favorite radio !!
>
> Cheer's
> Nik M5DND
>
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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http://promotions.yahoo.com/new_mail

# 2593. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-01 21:01:44 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 2593

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /TS-850 Brochure.pdf
Uploaded by : vtnn43e48073 <vtnn43e@...>
Description : Kenwood's brochure detailing the TS-850

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/TS-850%20Brochure.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

vtnn43e48073 <vtnn43e@...>

# 2594. TS 850 headphone hiss.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-02 05:48:51 UTC
From: n9rou
Topic: 2594  Message: 2594

I notice that on my Kenwood TS 850 that there is quite a noticeable hiss for ssb 2.4 khz [or any] bandwidth when using high quality Sony stereo wide frequency response headphones plugged into the front headphone jack. Even when the volume is turned all the way down it is there. My Icom 756 Pro nor my TS 2000 have this [or my R-4B of course]. I suppose I could plug the headphones into an external speaker with audio filters or use communications type headphones, but I was just wondering if this is normal. I don't notice it when listeneing via an external speaker [Optimus Pro X5] which gives the TS 850 beautiful audio. I listen to talk radio AM with it using 12khz bandwidth and the audio is superb. Thanks! --- Steve KK9ZZ

# 2595. Re: [TS-850_450_690] TS 850 headphone hiss.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-02 13:27:28 UTC
From: Bill K0ZL
Topic: 2594  Message: 2595

Trick would be to roll off the excess highs that are
in the headphone amp on the 850 somehow. Might be
worth building outboard SCAF filter for 13kHz and up,
or something selectable...
b

--- n9rou <sumbach@...> wrote:

>
> I notice that on my Kenwood TS 850 that there is
> quite a noticeable
> hiss for ssb 2.4 khz [or any] bandwidth when using
> high quality Sony
> stereo wide frequency response headphones plugged
> into the front
> headphone jack. Even when the volume is turned all
> the way down it
> is there. My Icom 756 Pro nor my TS 2000 have this
> [or my R-4B of
> course]. I suppose I could plug the headphones into
> an external
> speaker with audio filters or use communications
> type headphones,
> but I was just wondering if this is normal. I don't
> notice it when
> listeneing via an external speaker [Optimus Pro X5]
> which gives the
> TS 850 beautiful audio. I listen to talk radio AM
> with it using
> 12khz bandwidth and the audio is superb. Thanks!
> --- Steve KK9ZZ
>
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"If in doubt, MODIFY" --k0zl

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# 2596. FL-7000

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-04 20:37:59 UTC
From: Karl
Topic: 2596  Message: 2596

Hi group
I've had to put the troubleshooting of the DSP-100 away for awhile, but new challenges arrive. In the form of a FL-7000 linear that I would like to hook up with my TS-850sat. The FL-7000 is capable of automatic band change in connection with Yaesu xcvrs, and has apparently a 4-bits parallell input for band data. The TS-850 has serial output. Has anybody tried this combo, and got it working?

Karl
LA1CU

# 2597. Re: FL-7000

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-05 17:12:54 UTC
From: Dave Haupt
Topic: 2596  Message: 2597

I have read about a "band decoder" for the TS-850SAT
to fix this problem. The voltages that are used to
drive the output filter relays are sent through
appropriate cominatorial digital logic to create a
4-bit code representing the band. I don't recall who
created this, but there is a schematic on the web.
Possibly it can be found at www.mods.dk

73,

Dave W8NF

> Date: Thu, 04 Nov 2004 20:37:59 -0000
> From: "Karl" <la1cu@...>
> Subject: FL-7000
>
>
> Hi group
> I've had to put the troubleshooting of the DSP-100
> away for awhile,
> but new challenges arrive. In the form of a FL-7000
> linear that I
> would like to hook up with my TS-850sat. The
> FL-7000 is capable of
> automatic band change in connection with Yaesu
> xcvrs, and has
> apparently a 4-bits parallell input for band data.
> The TS-850 has
> serial output. Has anybody tried this combo, and
> got it working?
>
> Karl
> LA1CU
>
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>
> THANKS FOR USING TS-850_450_690@...
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> TS-850_450_690-unsubscribe@yahoogroups.com
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# 2598. Re: FL-7000

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-05 23:17:43 UTC
From: Karl
Topic: 2596  Message: 2598

Hi group
Trying to find a solution to the problem from different sources, I
came to think of the band-decoder for the TS-850 by DK9IP/KH7CD. It
uses the filter board to switch relays, one for each band. It gives
me nine outputs. (Found at the K0BX ts850 interface page:
http://www.qsl.net/k0bx/
Searching around I found an interface for the FT817, which converts
the banddata from the 817 first into nine outputs, then into 4bit
binary code for the FL7000. This interface is constructed by K6XX.
http://www.k6xx.com/ft817/817bbox.pdf
A combo of those two circuits will probably do the job.
So here we go with pcb design and all.
Karl
LA1CU

--- In TS-850_450_690@yahoogroups.com, Dave Haupt <emailw8nf@y...>
wrote:
>
> I have read about a "band decoder" for the TS-850SAT
> to fix this problem. The voltages that are used to
> drive the output filter relays are sent through
> appropriate cominatorial digital logic to create a
> 4-bit code representing the band. I don't recall who
> created this, but there is a schematic on the web.
> Possibly it can be found at www.mods.dk
>
> 73,
>
> Dave W8NF
>
> > Date: Thu, 04 Nov 2004 20:37:59 -0000
> > From: "Karl" <la1cu@a...>
> > Subject: FL-7000
> >
> >
> > Hi group
> > I've had to put the troubleshooting of the DSP-100
> > away for awhile,
> > but new challenges arrive. In the form of a FL-7000
> > linear that I
> > would like to hook up with my TS-850sat. The
> > FL-7000 is capable of
> > automatic band change in connection with Yaesu
> > xcvrs, and has
> > apparently a 4-bits parallell input for band data.

> > The TS-850 has
> > serial output. Has anybody tried this combo, and
> > got it working?
> >
> > Karl
> > LA1CU
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> > THANKS FOR USING TS-850_450_690@Y...
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# 2599. Re: Where I can find a preselector?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-06 12:02:22 UTC
From: John
Topic: 2580  Message: 2599

Andrea,

Here is a link for a band filter that may be what you need. No tuning
but need to switch for each band that you need one for.

http://www.ok1rr.com/ffilt.html

73, John - W4BA

# 2600. Re: FL-7000

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-06 22:42:00 UTC
From: Peter
Topic: 2596  Message: 2600

I do not know a solution out of the box. Maybe the Elecraft KRC2
Band Decoder (www.elecraft.com) could be agood component to make it
work.

Peter

--- In TS-850_450_690@yahoogroups.com, "Karl" <la1cu@a...> wrote:
>
> Hi group
> I've had to put the troubleshooting of the DSP-100 away for
awhile,
> but new challenges arrive. In the form of a FL-7000 linear that I
> would like to hook up with my TS-850sat. The FL-7000 is capable
of
> automatic band change in connection with Yaesu xcvrs, and has
> apparently a 4-bits parallell input for band data. The TS-850 has
> serial output. Has anybody tried this combo, and got it working?
>
> Karl
> LA1CU

# 2601. 80 meter receive problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-08 20:05:48 UTC
From: emailw8nf
Topic: 2601  Message: 2601

I know this came up not too long ago, but I can't find it in the archives.

On 80 meters, at 3510kHz, I am hearing a third order intermod product from a couple of broadcast stations. These are both stations that are 75 miles away - they're not particularly strong on frequency. Oddly, I hear this IMD product on only one of my antennas. It is there with the preamp on or off and the attenuator reduces the level, but doesn't eliminate it.

These symptoms at first would suggest it's something to do with the antenna, or that the radio stations are creating the spurious - however, my other HF rig doesn't hear any such IMD product on that frequency.

Otherwise, the radio seems to hear on 80 meters just fine, at least good enough for me to zip off some 30 QSOs in the last hour of the SS contest on 80 meters.

Does this symptom remind anybody of what the cause is?

73,

Dave W8NF

# 2602. Re: [TS-850_450_690] 80 meter receive problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-08 21:37:00 UTC
From: Bill K0ZL
Topic: 2601  Message: 2602

Either there is a rectifying jcn close to the antenna
that is being picked up, or it is shoving just enough
BCB energy into the rig to cause a problem.

b

--- emailw8nf <emailw8nf@...> wrote:

>
>
> I know this came up not too long ago, but I can't
> find it in the archives.
>
> On 80 meters, at 3510kHz, I am hearing a third order
> intermod product
> from a couple of broadcast stations. These are both
> stations that are
> 75 miles away - they're not particularly strong on
> frequency. Oddly,
> I hear this IMD product on only one of my antennas.
> It is there with
> the preamp on or off and the attenuator reduces the
> level, but doesn't
> eliminate it.
>
> These symptoms at first would suggest it's something
> to do with the
> antenna, or that the radio stations are creating the
> spurious -
> however, my other HF rig doesn't hear any such IMD
> product on that
> frequency.
>
> Otherwise, the radio seems to hear on 80 meters just
> fine, at least
> good enough for me to zip off some 30 QSOs in the
> last hour of the SS
> contest on 80 meters.
>
> Does this symptom remind anybody of what the cause
> is?
>
> 73,
>
> Dave W8NF
>

>
>
>
>
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>

=====

"If in doubt, MODIFY" --k0zl

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# 2603. Re: [TS-850_450_690] 80 meter receive problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-09 05:09:25 UTC
From: Eric
Topic: 2601  Message: 2603

I have that too on a local AM station. I attribute it to their crappy station engineering.

Eric
----- Original Message -----
From: emailw8nf
To: TS-850_450_690@yahoogroups.com
Sent: Monday, November 08, 2004 2:05 PM
Subject: [TS-850_450_690] 80 meter receive problem

I know this came up not too long ago, but I can't find it in the archives.

On 80 meters, at 3510kHz, I am hearing a third order intermod product
from a couple of broadcast stations. These are both stations that are
75 miles away - they're not particularly strong on frequency. Oddly,
I hear this IMD product on only one of my antennas. It is there with
the preamp on or off and the attenuator reduces the level, but doesn't
eliminate it.

These symptoms at first would suggest it's something to do with the
antenna, or that the radio stations are creating the spurious -
however, my other HF rig doesn't hear any such IMD product on that
frequency.

Otherwise, the radio seems to hear on 80 meters just fine, at least
good enough for me to zip off some 30 QSOs in the last hour of the SS
contest on 80 meters.

Does this symptom remind anybody of what the cause is?

73,

Dave W8NF

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[Non-text portions of this message have been removed]

# 2604. Re: [TS-850_450_690] 80 meter receive problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-09 05:14:39 UTC
From: Eric
Topic: 2601  Message: 2604

it is the exact third harmonic to their frequency

Eric

----- Original Message -----
From: Eric
To: TS-850_450_690@yahoogroups.com
Sent: Monday, November 08, 2004 11:09 PM
Subject: Re: [TS-850_450_690] 80 meter receive problem

I have that too on a local AM station. I attribute it to their crappy station engineering.

Eric
----- Original Message -----
From: emailw8nf
To: TS-850_450_690@yahoogroups.com
Sent: Monday, November 08, 2004 2:05 PM
Subject: [TS-850_450_690] 80 meter receive problem

I know this came up not too long ago, but I can't find it in the archives.

On 80 meters, at 3510kHz, I am hearing a third order intermod product
from a couple of broadcast stations. These are both stations that are
75 miles away - they're not particularly strong on frequency. Oddly,
I hear this IMD product on only one of my antennas. It is there with
the preamp on or off and the attenuator reduces the level, but doesn't
eliminate it.

These symptoms at first would suggest it's something to do with the
antenna, or that the radio stations are creating the spurious -
however, my other HF rig doesn't hear any such IMD product on that
frequency.

Otherwise, the radio seems to hear on 80 meters just fine, at least
good enough for me to zip off some 30 QSOs in the last hour of the SS
contest on 80 meters.

Does this symptom remind anybody of what the cause is?

73,

Dave W8NF

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[Non-text portions of this message have been removed]

# 2605. Re: 80 meter receive problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-09 05:22:39 UTC
From: emailw8nf
Topic: 2601  Message: 2605

Unlikely in this case. Firstly, it is a combination of two AM stations that I hear. Secondly, on the TS-850SAT, the combination is received at 20dB over S9. On another HF rig, with equal sensitivitiy, it is not heard at all, on the very same antenna.

Dave

--- In TS-850_450_690@yahoogroups.com, "Eric" <ejhinz@q...> wrote:
> I have that too on a local AM station. I attribute it to their crappy station engineering.
>
> Eric

# 2606. Re: 80 meter receive problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-09 05:23:59 UTC
From: emailw8nf
Topic: 2601  Message: 2606

In this case, it is the 2nd harmonic of one station, plus the
frequency of the other station.

Dave

--- In TS-850_450_690@yahoogroups.com, "Eric" <ejhinz@q...> wrote:
> it is the exact third harmonic to their frequency
>
> Eric
>
> ----- Original Message -----
> From: Eric
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, November 08, 2004 11:09 PM
> Subject: Re: [TS-850_450_690] 80 meter receive problem
>
>
> I have that too on a local AM station. I attribute it to their
crappy station engineering.
>
> Eric

# 2607. Re: [TS-850_450_690] 80 meter receive problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-09 12:52:00 UTC
From: Bill K0ZL
Topic: 2601  Message: 2607

Whoa there podner...

Harmonics can come from many sources...

All broadcast stations use pretty good harmonic filtering on their transmitters. Also the antenna systems are usually pretty high Q due to the matching requirements, directionality and pattern control that most must utilize. The antennas by way of the matching network are pretty narrow on frequency response.

When addressing harmonic issues I almost always look outside the BC station equipment, unless field strength meter indicates otherwise. We used wavemeters to check harmonics on our station and more often than not, the harmonic generator was dissimilar metallic junctions away from the transmitter and antenna (Gutters, fencing, etc).

Harmonic generators can be a mile or more away from the transmitter; and because of coupling to other conductors of just the right wavelength, can transmit their QRP signals long distances.

Steve was complaining of harmonics in his 767 that were not evident in other rigs; in this case, it's the amateur's rig itself causing the problem.

I would not hesitate to contact a station engineer to fix a problem; however, the best bet is to never ever blame the station equipment at first; but to ask for help in identifying and solving the problem.

We had an FMer that was QRMing our hosts' squaredance calling PA system. Rather than tell them that the situation was their problem, my chief beat me up pretty good; said that this guy could just not renew our lease next year and we would have to move our lil old 100kW station to another site...somewhere! That sent shivers down my spine. So I went up armed with solder iron, 0.01uF caps, ferrite clamps and beads, and worked for about two days getting our FM out of his system. (Buzzes and crackles, depending on where he held the mike, and enough residual AM on the carrier that you could hear the program mat'l on his PA).. Solved the problem, and landowner was happy.

My point is that even in this day and age of
consolidation and cost-cutting, most stations do want
to remain "good neighbors" but only if you are willing
to take the "low road" with them, at least initially.

bill

bill
--- Eric <ejhinz@...> wrote:

> I have that too on a local AM station. I attribute
> it to their crappy station engineering.
>
> Eric
> ----- Original Message -----
> From: emailw8nf
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, November 08, 2004 2:05 PM
> Subject: [TS-850_450_690] 80 meter receive problem
>
>
>
>
> I know this came up not too long ago, but I can't
> find it in the archives.
>
> On 80 meters, at 3510kHz, I am hearing a third
> order intermod product
> from a couple of broadcast stations. These are
> both stations that are
> 75 miles away - they're not particularly strong on
> frequency. Oddly,
> I hear this IMD product on only one of my
> antennas. It is there with
> the preamp on or off and the attenuator reduces
> the level, but doesn't
> eliminate it.
>
> These symptoms at first would suggest it's
> something to do with the
> antenna, or that the radio stations are creating
> the spurious -
> however, my other HF rig doesn't hear any such IMD
> product on that
> frequency.
>
> Otherwise, the radio seems to hear on 80 meters
> just fine, at least
> good enough for me to zip off some 30 QSOs in the
> last hour of the SS
> contest on 80 meters.
>

> Does this symptom remind anybody of what the cause
> is?
>
> 73,
>
> Dave W8NF
>
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# 2608. Re: [TS-850_450_690] Re: 80 meter receive problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-09 12:55:21 UTC
From: Bill K0ZL
Topic: 2601  Message: 2608

OK that is a rig problem.

I would suspect that your RF switch diode to the BC bandpass filter in the 850 is leaky; common issue by the way... and thus letting enough BC energy into the rig to cause intermod in the first mixer.

Lessee... that would be D5, rls135 type. You would also want to change D4.

If problem continues, lift D5 and replace it with two-each 1S1587 in series; these are not SMD but with a little heat shrink you can make them fit. This will give you more isolation from the BC filter when the band is not selected.

If you do NO am BC listening, simply remove D5 and see if that helps.

bill
--- emailw8nf <emailw8nf@...> wrote:

>
>
> Unlikely in this case. Firstly, it is a combination
> of two AM
> stations that I hear. Secondly, on the TS-850SAT,
> the combination is
> received at 20dB over S9. On another HF rig, with
> equal sensitivitiy,
> it is not heard at all, on the very same antenna.
>
> Dave
>
> --- In TS-850_450_690@yahoogroups.com, "Eric"
> <ejhinz@q...> wrote:
> > I have that too on a local AM station. I
> attribute it to their
> crappy station engineering.
> >
> > Eric
>
>
>
>
>

>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2609. Kenwood serial numbers?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-11 17:41:39 UTC
From: n7ioh
Topic: 2609  Message: 2609

Is there a way to tell the date of manufacture by the Kenwood serial number? I am looking for a TS-850S and would like to be able to know when the radio was made. Thanks, Al, N7IOH

# 2610. Re: [TS-850_450_690] Kenwood serial numbers?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-11 18:48:58 UTC
From: Sarge
Topic: 2609  Message: 2610

You might email or call kenwood support. I have asked them several things and they are VERY helpfull, curteous and prompt. They really seem to care about their customers up there.

>
> Is there a way to tell the date of manufacture by the Kenwood serial
> number? I am looking for a TS-850S and would like to be able to know
> when the radio was made. Thanks, Al, N7IOH

# 2611. Re: [TS-850_450_690] Kenwood serial numbers?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-11 19:16:42 UTC
From: ik5wqo
Topic: 2609  Message: 2611

Hi Sarge, what email address can we use to contact Kenwood Support?

I would like to know the mfg date of my TS850S and my DSP-100, both bought used :-)

Thanks,
73 de Riccardo IK5WQO

----- Original Message -----
From: Sarge
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, November 11, 2004 7:48 PM
Subject: Re: [TS-850_450_690] Kenwood serial numbers?

You might email or call kenwood support. I have asked them several things
and they are VERY helpfull, curteous and prompt. They really seem to care
about their customers up there.

>
> Is there a way to tell the date of manufacture by the Kenwood serial
> number? I am looking for a TS-850S and would like to be able to know
> when the radio was made. Thanks, Al, N7IOH

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[Non-text portions of this message have been removed]

# 2612. Re: Kenwood serial numbers?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-12 05:09:54 UTC
From: K9OR
Topic: 2609  Message: 2612

First digit minus 2 gives year of manufacture, e.g. 6xxxxxx is '94.

Randy K9OR

# 2613. Re: [TS-850_450_690] Re: Kenwood serial numbers?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-12 06:33:05 UTC
From: ik5wqo
Topic: 2609  Message: 2613

Thanks Randy!
This is a rule for BOTH rtx and DSP-100 ???

73 de Riccardo IK5WQO

----- Original Message -----
From: K9OR
To: TS-850_450_690@yahoogroups.com
Sent: Friday, November 12, 2004 6:09 AM
Subject: [TS-850_450_690] Re: Kenwood serial numbers?

First digit minus 2 gives year of manufacture, e.g. 6xxxxxx is '94.

Randy K9OR

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[Non-text portions of this message have been removed]

# 2614. Re: Kenwood serial numbers?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-13 03:02:48 UTC
From: K9OR
Topic: 2609  Message: 2614

Don't know about DSP-100's. Older Kenwood and Yaesu transceivers do have a serial number logic vs. year of manufacture, Icom straight serial numbers. Accessories may follow different rules.

> This is a rule for BOTH rtx and DSP-100 ???
> 73 de Riccardo IK5WQO

# 2615. New!! Live Ham Chat Room

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-13 15:01:37 UTC
From: Wendall Bagwell
Topic: 2615  Message: 2615

Hello,

There is a new Live Ham Chat Room for Ham's only. Come join in the fun!!
You can chat via voice or text...

http://www.kc5ess.us/chat.html

73
kc5ess

# 2616. TS-850 & Cat control problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-13 16:09:42 UTC
From: ah6rr1
Topic: 2616  Message: 2616

Aloha Gang,
I have a problem with my 850 when in cat control. I use the program Ham Radio Delux it seems that the auto-tuner does not work when in cat cotrol. When I exit the program it works fine. Could it be a problem with the program locking up the tuner or in the radio when it is in cat cotrol? Anyone have this problem before?

Roland AH6RR

# 2617. TS-850 CAT control

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-13 17:11:32 UTC
From: w7tea
Topic: 2617  Message: 2617

Roland, did you post your question on the HRD forums? I've found Simon very responsive there.

Gary

# 2618. Re: [TS-850_450_690] RTTY 40M & 80M

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-13 19:49:22 UTC
From: Denis O' Flynn
Topic: 2618  Message: 2618

Just moved down from 20 M on the 850S in the WAE RTTY Test and find that I have a problem on both 40 & 80 metres.

The ALC is all over the place and power changes in tandem with the ALC, up, down, up down even with 40 watts into a dummy load. Using RCKRTTY and Rigblaster.processor is off, High Boost is out, Moni is out, AGC slow, Mic Gain is at 7 o clock.

any ideas???
Denis EI6HB

# 2619. Thank goodness I replaced the 850's battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-13 19:09:04 UTC
From: n3gnw
Topic: 2619  Message: 2619

I've been hiding here for a long time. I've had my 850 for 9 years now and I finally decided it was time to change the battery.

Well the old one had started to leak but fortunately did not get on the PCB or any other components.

I used a closable dual AAA battery case from Radio Shack that fits nicely into the fan compartment with a bit of Velcro to hold it in place.

So if you have an old 850, change the battery before you lose this great radio.

73,
Mark N3GNW

# 2620. Re: [TS-850_450_690] RTTY 40M & 80M

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-13 23:02:10 UTC
From: Bill K0ZL
Topic: 2618  Message: 2620

Dennis it's the DC-DC converter. There are two SMD
resistors that need to be changed to make the
multivibrator more reliable..

I have attached annotated picture of what needs to be
changed on the DC-DC converter unit, also to the
group's FILES section under MODS...

73,

Bill

--- Denis O' Flynn <ei6hb@...> wrote:

> Just moved down from 20 M on the 850S in the WAE
> RTTY Test and find that I
> have a problem on both 40 & 80 metres.
>
> The ALC is all over the place and power changes in
> tandem with the ALC, up,
> down, up down even with 40 watts into a dummy load.
> Using RCKRTTY and
> Rigblaster.processor is off, High Boost is out, Moni
> is out, AGC slow, Mic
> Gain is at 7 o clock.
>
> any ideas???
> Denis EI6HB
>
>
>

=====

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[Non-text portions of this message have been removed]

# 2621. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-13 23:03:31 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 2621

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /MODIFICATIONS/DC-DC CONVERTER/DC-DC CONVERTER R2-R3 CHANGE.JPG
Uploaded by : k0zl <coorsbill@...>
Description : Change R2 and R3 to 18K for more reliable -6 volts to ALC circuits. DE K0ZL 11/13/04

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/MODIFICATIONS/DC-DC%20CONVERTER/DC-DC%20CONVERTER%20R2-R3%20CHANGE.JPG

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

k0zl <coorsbill@...>

# 2622. Re: [TS-850_450_690] Thank goodness I replaced the 850's battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-13 23:05:00 UTC
From: Leon
Topic: 2619  Message: 2622

What I have to do to change the battery? Which type is it?
IZØEHO Andrea
http://www.iz0eho.com
----- Original Message -----
From: n3gnw
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, November 13, 2004 8:09 PM
Subject: [TS-850_450_690] Thank goodness I replaced the 850's battery

I've been hiding here for a long time. I've had my 850 for 9 years
now and I finally decided it was time to change the battery.

Well the old one had started to leak but fortunately did not get on
the PCB or any other components.

I used a closable dual AAA battery case from Radio Shack that fits
nicely into the fan compartment with a bit of Velcro to hold it in
place.

So if you have an old 850, change the battery before you lose this
great radio.

73,
Mark N3GNW

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# 2623. Re: [TS-850_450_690] Thank goodness I replaced the 850's battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-14 12:38:42 UTC
From: Bill K0ZL
Topic: 2619  Message: 2623

The rig would not be lost, just the trace that
supplies 12v to the auto tuner! hi...

Good idea on the AAA cells, will do on mine next time
I have it apart.

b

--- n3gnw <n3gnw@...> wrote:

>
>
> I've been hiding here for a long time. I've had my
> 850 for 9 years
> now and I finally decided it was time to change the
> battery.
>
> Well the old one had started to leak but fortunately
> did not get on
> the PCB or any other components.
>
> I used a closable dual AAA battery case from Radio
> Shack that fits
> nicely into the fan compartment with a bit of Velcro
> to hold it in
> place.
>
> So if you have an old 850, change the battery before
> you lose this
> great radio.
>
> 73,
> Mark N3GNW
>
>
>
>
>
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>

=====

"If in doubt, MODIFY" --k0zl

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# 2624. Re: [TS-850_450_690] Thank goodness I replaced the 850's battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-14 12:48:18 UTC
From: ik5wqo
Topic: 2619  Message: 2624

Hello,
i have a kenwood TS-850 bought used, serial number 31000xxx, and i am interested in the battery replacement.
Why don't use an original, standard replacement battery?
Can you please suggest any compatible, original-like, replacement battery?

Thank you,

73 de Riccardo IK5WQO

----- Original Message -----
From: Bill K0ZL
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, November 14, 2004 1:38 PM
Subject: Re: [TS-850_450_690] Thank goodness I replaced the 850's battery

The rig would not be lost, just the trace that
supplies 12v to the auto tuner! hi...

Good idea on the AAA cells, will do on mine next time
I have it apart.

b

--- n3gnw <n3gnw@...> wrote:

>
>
> I've been hiding here for a long time. I've had my
> 850 for 9 years
> now and I finally decided it was time to change the
> battery.
>
> Well the old one had started to leak but fortunately
> did not get on
> the PCB or any other components.
>
> I used a closable dual AAA battery case from Radio
> Shack that fits
> nicely into the fan compartment with a bit of Velcro
> to hold it in
> place.
>
> So if you have an old 850, change the battery before
> you lose this
> great radio.
>

> 73,
> Mark N3GNW
>
>
>
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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[Non-text portions of this message have been removed]

# 2625. Autotuner of TS-450 SAT in RX

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-14 13:32:29 UTC
From: Arne
Topic: 2625  Message: 2625

Hi there,
does anyone have a simple mod to enable to tuner for RX?

55 es 73' from Germany
Arne DH3HAL KF6MLH

# 2626. Re: Thank goodness I replaced the 850's battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-14 15:37:11 UTC
From: n3gnw
Topic: 2619  Message: 2626

You can get details on how to replace the battery at
http://n6tr.jzap.com/850BAT.html

I ended taking the entire digital board out and that made the job much easier. Start with the single pin negative terminal of the battery. Then you can heat the two positive pins alternately and rock the battery out. The leakage was on the bottom of the battery and was not evident until I took it out. I'll see if I can post a picture of the battery here.

I could get an exact replacement CR2430 without pins at Radio Shack but they do not have a holder for it. Though I could order one from a parts distributer, the circuit only needs 3V and I found a nice closable dual AAA case there. It fits nicely in the fan compartment. Replacing the batteries is now simpler since I only have to remove the top cover and not the bottom as well as front panel. Plus I can get top quality AAA battteries anywhere.

73,
Mark N3GNW
--- In TS-850_450_690@yahoogroups.com, "n3gnw" <n3gnw@a...> wrote:
>
>
> I've been hiding here for a long time. I've had my 850 for 9 years
> now and I finally decided it was time to change the battery.
>
> Well the old one had started to leak but fortunately did not get on
> the PCB or any other components.
>
> I used a closable dual AAA battery case from Radio Shack that fits
> nicely into the fan compartment with a bit of Velcro to hold it in
> place.
>
> So if you have an old 850, change the battery before you lose this
> great radio.
>
> 73,
> Mark N3GNW

# 2627. Re: [TS-850_450_690] Autotuner of TS-450 SAT in RX

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-14 23:46:26 UTC
From: Bill K0ZL
Topic: 2625  Message: 2627

Arne, I put this mod in my 850; and took it back out!
The AT generates quite a bit of computer noise on the
higher bands; it's normally inaudible until you put in
the mod, then it sounds like dirty carriers every so
often. Went away when I switched the AT off. So I
reversed the mod; not really needed in my case anyway.

I have not tried AT/RX mod on 450; might work
differently.

b

--- Arne <ArneLo@...> wrote:

> Hi there,
> does anyone have a simple mod to enable to tuner for
> RX?
>
> 55 es 73' from Germany
> Arne DH3HAL KF6MLH
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2628. Pictures of leaking battery posted

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-15 13:17:56 UTC
From: n3gnw
Topic: 2628  Message: 2628

I posted two pictures of my 850's old battery. One shows the nice clean everything is OK top and the other shows its leaking bottom.

They are in a picture folder called N3GNW.

I'm sorry but I didn't remember to take any pictures of the replacement battery set-up I did with the AAA battery case. However, the case has two wire pig tails coming out that I just soldered into the appropriate holes on the digital board. I then ran the wires through gaps in the bulkhead between the digital board and the fan compartment and put the battery case there.

73,
Mark N3GNW

# 2629. TS-850S and DSP-100 Help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-15 14:17:04 UTC
From: allenlp1
Topic: 2629  Message: 2629

I just bought a dsp-100 for my TS-850 and I have a Heil Pr 20 mic.
Can anyone tell me how they have the mic gain and proc set on the
radio, the manual for the dsp say it controls the mic gain after it
hooked up but on mine if I turn the mic gain down on the radio the
dsp don't adjust anything but if I turn it all the way clock wise
the dsp will control the mic gain.
I also have the speach comp on and turned counter clockwize in order
for the dsp to work.
Can anyone tell me if this is right or do I have a problem with dsp
this is not a HI-FI setup just the radio DSP and Mic all stk.

Thanks Allen N0YSL

# 2630. Re: Autotuner of TS-450 SAT in RX

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-15 21:55:54 UTC
From: Max
Topic: 2625  Message: 2630

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> Arne, I put this mod in my 850; and took it back out!
> The AT generates quite a bit of computer noise on the
> higher bands; it's normally inaudible until you put in
> the mod, then it sounds like dirty carriers every so
> often. Went away when I switched the AT off. So I
> reversed the mod; not really needed in my case anyway.
>
> I have not tried AT/RX mod on 450; might work
> differently.

Funny you mention that Bill,

I did the same mod to all three 850's I've owned and never had the problem you described. Did it to my Yaesu FT900 and boy was it ever noisy on AM when the tuner engaged. Sounded like my XYL turning on the hair dryer!

Max

# 2631. Re: [TS-850_450_690] TS-850S and DSP-100 Help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-15 23:03:07 UTC
From: Mike (WZ5Q)
Topic: 2629  Message: 2631

Funny thing ive noticed with the DSP-100....
if you have the Speech Processor engaged and the Mic Gain turned up on the radio...it does pass some audio thru the 455 IF even with the DSP-100 on and engaged.
With the Speech processor turned off, and the mic gain turned all the way down on the radio, the DSP-100 will control the Mic Gain if it is on and engaged.
If it is not, the 2 first things i would check would be:
1) There is an adjustment on the back of the DSP-100 which is a Mic Gain Trim Adjustment. It is located kind of in the middle of the back panel near the bottom. You need a very small screwdriver to adjust it.
2) The RCA Jacks on the back of the DSP-100 are NETORIOUS for breaking the solder conection from the Jack to the Printed Circuit Board. You must dissassemble and remove the Circuit board to check/repair this. I have had 4ea used DSP-100's and every one of them had one or both RCA connections bad.

Hope this helps,
Mike
WZ5Q
from Deep Down in the Dark Dismal Swamps of the Calcaseau
http://wz5q.com

allenlp1 wrote:

>I just bought a dsp-100 for my TS-850 and I have a Heil Pr 20 mic.
>Can anyone tell me how they have the mic gain and proc set on the
>radio, the manual for the dsp say it controls the mic gain after it
>hooked up but on mine if I turn the mic gain down on the radio the
>dsp don't adjust anything but if I turn it all the way clock wise
>the dsp will control the mic gain.
>I also have the speach comp on and turned counter clockwize in order
>for the dsp to work.
>Can anyone tell me if this is right or do I have a problem with dsp
>this is not a HI-FI setup just the radio DSP and Mic all stk.
>
> Thanks Allen N0YSL
>
>
>
>

# 2632. Re: [TS-850_450_690] Pictures of leaking battery posted

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-15 23:55:46 UTC
From: Bill K0ZL
Topic: 2628  Message: 2632

Mark, you paint a great word picture too!

thanks
b

--- n3gnw <n3gnw@...> wrote:

>
> I posted two pictures of my 850's old battery. One
> shows the nice
> clean everything is OK top and the other shows its
> leaking bottom.
>
> They are in a picture folder called N3GNW.
>
> I'm sorry but I didn't remember to take any pictures
> of the
> replacement battery set-up I did with the AAA
> battery case. However,
> the case has two wire pig tails coming out that I
> just soldered into
> the appropriate holes on the digital board. I then
> ran the wires
> through gaps in the bulkhead between the digital
> board and the fan
> compartment and put the battery case there.
>
> 73,
> Mark N3GNW
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2633. Re: TS-850S and DSP-100 Help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-16 11:46:58 UTC
From: allenlp1
Topic: 2629  Message: 2633

I pulled the board out like you said and the RCA conections are fine
they are well soldered so I don't think thats the problem.
could you tell me what I need to do to adjust the mic tirm pod I
know the manual tells you how but am I looking for max (real loud )
tune of the two side tones or Quite please advise.
I know its not the radio it never had a dsp hooked to it.
Thanks Allen N0YSL

--- In TS-850_450_690@yahoogroups.com, "Mike (WZ5Q)" <wz5q@j...>
wrote:
> Funny thing ive noticed with the DSP-100....
> if you have the Speech Processor engaged and the Mic Gain turned
up on
> the radio...it does pass some audio thru the 455 IF even with the
> DSP-100 on and engaged.
> With the Speech processor turned off, and the mic gain turned all
the
> way down on the radio, the DSP-100 will control the Mic Gain if it
is on
> and engaged.
> If it is not, the 2 first things i would check would be:
> 1) There is an adjustment on the back of the DSP-100 which is a
Mic Gain
> Trim Adjustment. It is located kind of in the middle of the back
panel
> near the bottom. You need a very small screwdriver to adjust it.
> 2) The RCA Jacks on the back of the DSP-100 are NETORIOUS for
breaking
> the solder conection from the Jack to the Printed Circuit Board.
You
> must dissassemble and remove the Circuit board to check/repair
this. I
> have had 4ea used DSP-100's and every one of them had one or both
RCA
> connections bad.
>
> Hope this helps,
> Mike
> WZ5Q
> from Deep Down in the Dark Dismal Swamps of the Calcaseau
> http://wz5q.com
>
>
> allenlp1 wrote:
>

> >I just bought a dsp-100 for my TS-850 and I have a Heil Pr 20 mic.
> >Can anyone tell me how they have the mic gain and proc set on the
> >radio, the manual for the dsp say it controls the mic gain after
it
> >hooked up but on mine if I turn the mic gain down on the radio
the
> >dsp don't adjust anything but if I turn it all the way clock wise
> >the dsp will control the mic gain.
> >I also have the speach comp on and turned counter clockwize in
order
> >for the dsp to work.
> >Can anyone tell me if this is right or do I have a problem with
dsp
> >this is not a HI-FI setup just the radio DSP and Mic all stk.
> >
> > Thanks Allen N0YSL
> >
> >
> >
> >

# 2634. Re: [TS-850_450_690] Re: TS-850S and DSP-100 Help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-16 22:19:16 UTC
From: Mike (WZ5Q)
Topic: 2629  Message: 2634

Howdy Allen,
You can download the Service Manual for the DSP-100 off of My website at:

http://wz5q.com

Goto the "Shack" page and it is the last item on the bottom of the page.
You can also download the Service Manual for the TS-850s.
The instructions are in there.
73,
Mike
WZ5Q
from Deep Down in the Dark Dismal Swamps of the Calcaseau
http://wz5q.com

allenlp1 wrote:

>I pulled the board out like you said and the RCA conections are fine
>they are well soldered so I don't think thats the problem.
>could you tell me what I need to do to adjust the mic tirm pod I
>know the manual tells you how but am I looking for max (real loud )
>tune of the two side tones or Quite please advise.
>I know its not the radio it never had a dsp hooked to it.
>Thanks Allen N0YSL
>
>
>

# 2635. TS-850S battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-17 19:25:29 UTC
From: jimford80041
Topic: 2635  Message: 2635

I have removed the original BA1 battery and wish to replace it with a pair of AAA's in a holder. Finding a spot for the holder is not a problem, but soldering the wires to the old battery position is.

I do not mind disconnecting all the cables from the front PC board to get it out and be able to see it to solder, but how do you disconnect the computer ribbon cable?

Does it pull out of the black connector? Does the connector pull off the board? It looks like it is soldered in place.

Jim - KG0PP

# 2636. Re: FSK with a Rigblaster Plus

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-17 22:00:00 UTC
From: ricwip@aol.com
Topic: 2636  Message: 2636

Have acquired a TS 450sAT and a Rigblaster Plus and want to work FSK .
Anyone doing this out there and can direct me as to the proper connections?
Appreciate hearing from you.

Dick WA4WIP

[Non-text portions of this message have been removed]

# 2637. Re: TS-850S battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-17 23:35:30 UTC
From: n3gnw
Topic: 2635  Message: 2637

They just pull out. Use two hands and grab near the connector. Pull straight. When inserting try not to get a large angle between the cable and connector. A little helps but a lot will jam.

I had my XYL help me by holding the front panel steady since I did not completely disconnect it.

73,
Mark N3GNW

--- In TS-850_450_690@yahoogroups.com, "jimford80041" <ejim@a...> wrote:
> 
> I have removed the original BA1 battery and wish to replace it with
> a pair of AAA's in a holder. Finding a spot for the holder is not a
> problem, but soldering the wires to the old battery position is.
> 
> I do not mind disconnecting all the cables from the front PC board
> to get it out and be able to see it to solder, but how do you
> disconnect the computer ribbon cable?
> 
> Does it pull out of the black connector? Does the connector pull
off
> the board? It looks like it is soldered in place.
> 
> Jim - KG0PP

# 2638. Re: [TS-850_450_690] Re: TS-850S and DSP-100 Help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-18 01:37:59 UTC
From: Bill K0ZL
Topic: 2629  Message: 2638

Thanks for those files, Mike.

I will up load them to RUBE, our FTP server.

bill K0ZL

--- "Mike (WZ5Q)" <wz5q@...> wrote:

> Howdy Allen,
> You can download the Service Manual for the DSP-100
> off of My website at:
>
> http://wz5q.com
>
> Goto the "Shack" page and it is the last item on the
> bottom of the page.
> You can also download the Service Manual for the
> TS-850s.
> The instructions are in there.
> 73,
> Mike
> WZ5Q
> from Deep Down in the Dark Dismal Swamps of the
> Calcaseau
> http://wz5q.com
>
>
> allenlp1 wrote:
>
> >I pulled the board out like you said and the RCA
> conections are fine
> >they are well soldered so I don't think thats the
> problem.
> >could you tell me what I need to do to adjust the
> mic tirm pod I
> >know the manual tells you how but am I looking for
> max (real loud )
> >tune of the two side tones or Quite please advise.
> >I know its not the radio it never had a dsp hooked
> to it.
> >Thanks Allen N0YSL
> >
> >
> >
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2639. Re: TS-850S battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-18 01:38:22 UTC
From: Roy Sakabu
Topic: 2635  Message: 2639

Jim,
I don't think that putting AAA batteries inside the radio is a good idea. Although the capacity of the AAA's is so great compared to the coin cell that it would seem that the batteries will last for decades, the shelf life of the AAA's is much less than that. In fact, I would guess that the self discharge rate is greater than that of a lithium cell and the risk of leakage is probably greater. A better idea might be to mount a coin cell holder in an easily to reach place and run the wires back to the battery space. Most importantly, mark the date of replacement on the outside of the radio.

73
Roy
AD6ZU

--- In TS-850_450_690@yahoogroups.com, "jimford80041" <ejim@a...> wrote:
>
> I have removed the original BA1 battery and wish to replace it with
> a pair of AAA's in a holder. Finding a spot for the holder is not a
> problem, but soldering the wires to the old battery position is.

>
> Jim - KG0PP

# 2640. Re: [TS-850_450_690] TS-850S battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-18 01:45:46 UTC
From: Bill K0ZL
Topic: 2635  Message: 2640

Those flat connectors that don't have any visible
means of release just pull out, Jim.

b

--- jimford80041 <ejim@...> wrote:

>
> I have removed the original BA1 battery and wish to
> replace it with
> a pair of AAA's in a holder. Finding a spot for the
> holder is not a
> problem, but soldering the wires to the old battery
> position is.
>
> I do not mind disconnecting all the cables from the
> front PC board
> to get it out and be able to see it to solder, but
> how do you
> disconnect the computer ribbon cable?
>
> Does it pull out of the black connector? Does the
> connector pull off
> the board? It looks like it is soldered in place.
>
> Jim - KG0PP
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2641. Still looking for a TC9174F for a TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-18 01:53:31 UTC
From: n4ij
Topic: 2641  Message: 2641

To replace IC-10 on the IF board. Sources? This is surface mount.

Doug N4IJ

# 2642. Re: Still looking for a TC9174F for a TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-18 02:04:00 UTC
From: Max
Topic: 2641  Message: 2642

--- In TS-850_450_690@yahoogroups.com, "n4ij" <snowden@p...> wrote:
>
> To replace IC-10 on the IF board. Sources? This is surface mount.
>
> Doug N4IJ

Doug,

Did you try East Coast Transistor? They are listing them as
discontinued but a phone call will tell you if they have stock left.

800-645-3516

Max

# 2643. Re: [TS-850_450_690] Re: TS-850S battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-18 02:18:14 UTC
From: Fred Van Veen
Topic: 2635  Message: 2643

I agree; the AAA battery pack is a bad idea. Much better to use a direct replacement ($10) or a CR2032 (Radio Shack) in a cardboard packet, held in place with velcro. Either coin cell will last for years.
Fred, W1NYL
On Nov 17, 2004, at 8:38 PM, Roy Sakabu wrote:

>
>
> Jim,
> I don't think that putting AAA batteries inside the radio is a good
> idea. Although the capacity of the AAA's is so great compared to the
> coin cell that it would seem that the batteries will last for decades,
> the shelf life of the AAA's is much less than that. In fact, I would
> guess that the self discharge rate is greater than that of a lithium
> cell and the risk of leakage is probably greater. A better idea might
> be to mount a coin cell holder in an easily to reach place and run the
> wires back to the battery space. Most importantly, mark the date of
> replacement on the outside of the radio.
>
> 73
> Roy
> AD6ZU
>
>
> --- In TS-850_450_690@yahoogroups.com, "jimford80041" <ejim@a...>
> wrote:
>>
>> I have removed the original BA1 battery and wish to replace it with
>> a pair of AAA's in a holder. Finding a spot for the holder is not a
>> problem, but soldering the wires to the old battery position is.
>
>>
>> Jim - KG0PP
>
>
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# 2644. Re: [TS-850_450_690] Re: TS-850S battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-18 02:52:22 UTC
From: n7ioh
Topic: 2635  Message: 2644

Hi all, when I replaced my battery in my TS-690S/AT, I went to a larger Lithium battery. I ordered a CR2450 from Radio Shack #RSU99600225 for $5.00. I soldered longer wires onto the new battery and placed the battery in the cap off of a vitamin bottle. I placed a little silicone glue on the wires and the edge of the cap to hold things in place (let the glue cure overnight). I then soldered the wires from the new battery to where the old battery wires were connected removing the old battery and wires. The cap now sits in any out of the way place and if it ever does leak it will leak into the plastic cap, no problems.
Al, N7IOH

> >
> > --- In TS-850_450_690@yahoogroups.com, "jimford80041" <ejim@a...>
> > wrote:
> >>
> >> I have removed the original BA1 battery and wish to replace it with
> >> a pair of AAA's in a holder. Finding a spot for the holder is not a
> >> problem, but soldering the wires to the old battery position is.
> >
> >>
> >> Jim - KG0PP
> >
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> >
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[Non-text portions of this message have been removed]

# 2645. Re: TS-850S battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-18 03:07:21 UTC
From: Max
Topic: 2635  Message: 2645

--- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:

The cap now sits in any out of the way place
and if it ever does leak it will leak into the plastic cap, no
problems.

Al, what a great idea!

Max

# 2646. Re: [TS-850_450_690] Re: TS-850S battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-18 09:16:39 UTC
From: ik5wqo
Topic: 2635  Message: 2646

I completely agree with you, Roy.
The day i will decide to replace the battery i will look for this solution.

73 de Riccardo IK5WQO
----- Original Message -----
From: Roy Sakabu
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, November 18, 2004 2:38 AM
Subject: [TS-850_450_690] Re: TS-850S battery replacement

Jim,
I don't think that putting AAA batteries inside the radio is a good
idea. Although the capacity of the AAA's is so great compared to the
coin cell that it would seem that the batteries will last for decades,
the shelf life of the AAA's is much less than that. In fact, I would
guess that the self discharge rate is greater than that of a lithium
cell and the risk of leakage is probably greater. A better idea might
be to mount a coin cell holder in an easily to reach place and run the
wires back to the battery space. Most importantly, mark the date of
replacement on the outside of the radio.

73
Roy
AD6ZU

--- In TS-850_450_690@yahoogroups.com, "jimford80041" <ejim@a...> wrote:
>
> I have removed the original BA1 battery and wish to replace it with
> a pair of AAA's in a holder. Finding a spot for the holder is not a
> problem, but soldering the wires to the old battery position is.

>
> Jim - KG0PP

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[Non-text portions of this message have been removed]

# 2647. Re: TS-850S battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-18 13:57:50 UTC
From: n3gnw
Topic: 2635  Message: 2647

I agree that the AAA batteries will probably leak long before they die. However, now that they are much more easily accessable (only have to remove the top cover) I intend to check them at least once a year. Since I also need to pull the cover off my amp once a year to clean out the dust its fan pulls in, I can do the rig at the same time.

73,
Mark N3GNW

--- In TS-850_450_690@yahoogroups.com, "ik5wqo" <ik5wqo@y...> wrote:
> I completely agree with you, Roy.
> The day i will decide to replace the battery i will look for this solution.
>
> 73 de Riccardo IK5WQO
> ----- Original Message -----
> From: Roy Sakabu
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, November 18, 2004 2:38 AM
> Subject: [TS-850_450_690] Re: TS-850S battery replacement
>
>
>
> Jim,
> I don't think that putting AAA batteries inside the radio is a good
> idea. Although the capacity of the AAA's is so great compared to the
> coin cell that it would seem that the batteries will last for decades,
> the shelf life of the AAA's is much less than that. In fact, I would
> guess that the self discharge rate is greater than that of a lithium
> cell and the risk of leakage is probably greater. A better idea might
> be to mount a coin cell holder in an easily to reach place and run the
> wires back to the battery space. Most importantly, mark the date of
> replacement on the outside of the radio.
>
> 73
> Roy

> AD6ZU
>
>
> --- In TS-850_450_690@yahoogroups.com, "jimford80041" <ejim@a...>
wrote:
> >
> > I have removed the original BA1 battery and wish to replace it
with
> > a pair of AAA's in a holder. Finding a spot for the holder is
not a
> > problem, but soldering the wires to the old battery position is.
>
> >
> > Jim - KG0PP
>
>
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# 2648. Re: TS-850S battery replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-19 00:13:09 UTC
From: Larry Nixon
Topic: 2635  Message: 2648

I did the same thing when I replaced the battery in my 450
http://www.geocities.com/lfnca/450bat/450sat_battery.htm

I soldered wires to the original location and put a Maxell CR2032
lithium cell where I could easily reach it later. I briefly
considered AA or AAA cells but they, like everyone has pointed out,
will not last as long.

Best to at least have a look at your battery or have some one check
it out. I did two 450s nine years into their life. One was Ok the
other was leaking.

well thats my two cents....

Larry VE7LFN

# 2649. Old lithium battery dimensions needed (kw 850)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-19 12:02:53 UTC
From: Riccardo
Topic: 2649  Message: 2649

Hello, i ould like to replace the lithium battery on my kenwood 850,
and i would like to replace with a button battery holder, and an
adequate button battery.

But i need, PRIOR to removing the original one, the exact pin-to pin
and orifinal battery dimensions to look for something equivalent.

Can anyone help me? Or can anyone send me an old one?

For info, i have asked for the original Kenwood lithium battery
replacement, and they sell it for 22 (twenty-two)euro !!!!!!!!!
Of course i said : NO, THANKS :-(((

Thank you,

73 de Riccardo IK5WQO

# 2650. Re: Old lithium battery dimensions needed (kw 850)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-19 21:19:35 UTC
From: Max
Topic: 2649  Message: 2650

CR2032 batteries and holders are also used on many computer motherboards. Next time you see a computer case headed for the trash check for a battery on the motherboard if it is still in there.

Max

# 2651. Re: [TS-850_450_690] Re: Old lithium battery dimensions needed (kw 850)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-19 21:39:11 UTC
From: ik5wqo
Topic: 2649  Message: 2651

Thank you Max :-)

73 de Riccardo IK5WQO
----- Original Message -----
From: Max
To: TS-850_450_690@yahoogroups.com
Sent: Friday, November 19, 2004 10:19 PM
Subject: [TS-850_450_690] Re: Old lithium battery dimensions needed (kw 850)

CR2032 batteries and holders are also used on many computer
motherboards. Next time you see a computer case headed for the trash
check for a battery on the motherboard if it is still in there.

Max

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# 2652. Re: Old lithium battery dimensions needed (kw 850)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-20 03:25:50 UTC
From: Steve
Topic: 2649  Message: 2652

The holders off a motherboard battery work great in a TS450. Just bend the pins toward each other slightly and solder it on the board just like the old battery came out. It makes the repair almost look like it came from the factory.

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:
>
> CR2032 batteries and holders are also used on many computer
> motherboards. Next time you see a computer case headed for the
trash
> check for a battery on the motherboard if it is still in there.
>
> Max

# 2653. Kenwood TS-870 group???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-20 18:10:59 UTC
From: Riccardo
Topic: 2653  Message: 2653

Hello, does anyone know if exists a Kenwood TS-870 group on Yahoo?
I gave a look, but i didn't found anything...

Tahnk you,
73 de Riccardo IK5WQO

# 2654. Re: [TS-850_450_690] Kenwood TS-870 group???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-20 18:23:44 UTC
From: n7ioh
Topic: 2653  Message: 2654

Riccardo try this link, I found it under TS-870S in the Yahoo Groups.
http://groups.yahoo.com/group/ts870s/

Al, N7IOH

Riccardo wrote:

>
> Hello, does anyone know if exists a Kenwood TS-870 group on Yahoo?
> I gave a look, but i didn't found anything...
>
> Tahnk you,
> 73 de Riccardo IK5WQO
>
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>
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# 2655. Re: [TS-850_450_690] Kenwood TS-870 group???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-20 18:30:49 UTC
From: ik5wqo
Topic: 2653  Message: 2655

Thank you very much Al : i search for "Kenwood", "870", and similar, but NOT the right one :-))

73 de Riccardo IK5WQO

----- Original Message -----
From: n7ioh
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, November 20, 2004 7:23 PM
Subject: Re: [TS-850_450_690] Kenwood TS-870 group???

Riccardo try this link, I found it under TS-870S in the Yahoo Groups.
http://groups.yahoo.com/group/ts870s/

Al, N7IOH

Riccardo wrote:

>
> Hello, does anyone know if exists a Kenwood TS-870 group on Yahoo?
> I gave a look, but i didn't found anything...
>
> Tahnk you,
> 73 de Riccardo IK5WQO
>
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>
> THANKS FOR USING TS-850_450_690@...
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> http://groups.yahoo.com/group/TS-850_450_690/
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
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>

[Non-text portions of this message have been removed]

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c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2656. Is this normal?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-21 22:35:53 UTC
From: Steve
Topic: 2656  Message: 2656

Last night I was using my 450 as a code practice oscillator by setting the rig in sideband mode and using a key attached to the CW key jack. On 10 and 12 meters, every time the key was keyed, I generated noise (S2 to S3 pops) in the reciever. It doesn't do it on any other band. It's worse with a Vibroplex, but still there with a straight key. I measured the key voltage at 7 volts. Is this normal and what can I do to get rid of it?? (I normally operate 40 and 80, and this is the first time I've noticed it.)

Steve, KE4MOB

# 2657. Help on Final Replacement???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-22 20:25:44 UTC
From: Steve Lutz
Topic: 2657  Message: 2657

Hello,

I am new to the group and have a problem with my TS 850S

The out put power varies from 3 watts to 30 watts across the band.

Per the ARRL rep that was very helpful, it sounds like one or both of the finals need to be repaired.

Where can I find schematics and the location of the finals. Any and all help would be appreciated.

73'

Steve KE8LS

[Non-text portions of this message have been removed]

# 2658. Re: [TS-850_450_690] Help on Final Replacement???

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-11-22 21:24:39 UTC
From: Bill K0ZL
Topic: 2657  Message: 2658

You don't need schematics for this job.

I presume you have tested into a dummy load, with the tuner OFF, and with full 13.6 vdc input to the rig?

the finals are located rear center of rig, under the filter unit. Remove top cover; remove 7 small countersunk sheet metal screws from filter unit cover; remove filter unit cover; remove the ribbon connector at the rear of the filter unit, and coax connectors as needed. swing filter unit fwd to clear PA unit. PA unit has two each 2SC2879 transistors, these can be had as matched pair from RF parts, or at considerably less money from WEstgate Labs, but these will not be matched pair (you really don't need matched pair, but some guys insist.).

Test the transistors first by unsoldering the base leads from the board and lift them clear of the board. check b-e and b-c juntion with your DVM set on diode range; they should read like a normal transistor; NOTE there is a protective diode inside them so with neg to collector and pos to emitter (ground) you will read a normal junction voltage; it would appear that the transistor is leaking badly from E to C but it is not.

Main thing is look for open base to emitter jcn or shorted base to collector. this will however usually blow the line fuse.

b

b

--- Steve Lutz <srlutz@...> wrote:

> Hello,
>
> I am new to the group and have a problem with my TS
> 850S
>
> The out put power varies from 3 watts to 30 watts
> across the band.
>
> Per the ARRL rep that was very helpful, it sounds
> like one or both of the finals need to be repaired.
>

> Where can I find schematics and the location of the
> finals. Any and all help would be appreciated.
>
> 73'
>
> Steve KE8LS
>
> [Non-text portions of this message have been
> removed]
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2659. Re: anyone installed an ADSP2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-02 22:47:11 UTC
From: w7tea
Topic: 2451  Message: 2659

--- In TS-850_450_690@yahoogroups.com, "timhoy" <timhoy@y...> wrote:
> Hi all,
> Anyone installed the SGC ADSP2 LO board in the 850?
> Tim, K6CA

Tim,did you ever find someone who had installed the ADSP2 board in an 850? I've used an outboard DSP-59+ and while the selectivity and spotting tone work fine, the noise reduction circuit leaves much to be desired.

Gary, W7TEA

# 2660. Re: anyone installed an ADSP2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-03 15:02:49 UTC
From: Zack
Topic: 2451  Message: 2660

I have an ADSP2 that I use between my 850 and a speaker. It does a remarkable job of eliminating noise. I usually have it set in the X1 setting which is the least aggressive for noise reduction. Rarely is it turned off.
About the only time I use the bandwidth filter is during contests. It works but is quite narrow.
I consider it to be a necessary part of my shack and would not want to be without it.
Were it not for the ADSP2 I would not be able to listen to SSB on 160m. That and a SGC SG-237 remote tuner for my 200ft loop.

73
Zack
N8FNR

# 2661. Re: [TS-850_450_690] Re: anyone installed an ADSP2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-03 15:35:38 UTC
From: Gary Tuck
Topic: 2451  Message: 2661

Zack, would you explain where you wired it in? When you say "between your 850 and your speaker," I take it that you installed the board external to your 850 rather than following the generic install guidelines SGC publishes on their site.

73, Gary
W7TEA

On Dec 3, 2004, at 7:02 AM, Zack wrote:

> I have an ADSP2 that I use between my 850 and a speaker. It does a
> remarkable job of eliminating noise. I usually have it set in the X1
> setting which is the least aggressive for noise reduction. Rarely is
> it turned off.
> About the only time I use the bandwidth filter is during contests. It
> works but is quite narrow.
> I consider it to be a necessary part of my shack and would not want
> to be without it.
> Were it not for the ADSP2 I would not be able to listen to SSB on
> 160m. That and a SGC SG-237 remote tuner for my 200ft loop.
>
>
> 73
> Zack
> N8FNR
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
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>

# 2662. Re: anyone installed an ADSP2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-03 17:21:29 UTC
From: Zack
Topic: 2451  Message: 2662

Gary, I have the external model. Bought it from a guy on ebay who had mounted it a nice case with big buttons.
I decided on the external model for two reasons. First of all I did not have to modify the rig. If I ever sell it the buyer would not be able to say that it was disfigured in anyway hopefully keeping the value high. The second is that I can also use it then with other rigs.

73
Zack
N8FNR

--- In TS-850_450_690@yahoogroups.com, Gary Tuck <gtuck@m...> wrote:
> Zack, would you explain where you wired it in? When you
say "between
> your 850 and your speaker," I take it that you installed the board
> external to your 850 rather than following the generic install
> guidelines SGC publishes on their site.
>
> 73, Gary
> W7TEA
>
> On Dec 3, 2004, at 7:02 AM, Zack wrote:
>
> >
> > I have an ADSP2 that I use between my 850 and a speaker. It does
a
> > remarkable job of eliminating noise. I usually have it set in
the X1
> > setting which is the least aggressive for noise reduction.
Rarely is
> > it turned off.
> > About the only time I use the bandwidth filter is during
contests. It
> > works but is quite narrow.
> > I consider it to be a necessary part of my shack and would not
want
> > to be without it.
> > Were it not for the ADSP2 I would not be able to listen to SSB on
> > 160m. That and a SGC SG-237 remote tuner for my 200ft loop.
> >
> >
> > 73
> > Zack
> > N8FNR
> >

> >
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> >
> >
> > THANKS FOR USING TS-850_450_690@Y...
> >
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# 2663. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-05 22:02:26 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 2663

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /TS-450S TS-690S Brochure.pdf
Uploaded by : vtnn43e48073 <vtnn43e@...>
Description : Kenwood's brochure detailing the TS450S and the TS-69S. It shows all of the accessories for these rigs.

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/TS-450S%20TS-690S%20Brochure.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

vtnn43e48073 <vtnn43e@...>

# 2664. Kenwood TS-850, soundcard interface & FSK

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-07 18:33:04 UTC
From: Zack
Topic: 2664  Message: 2664

Is anyone out there using a TS-850 and a soundcard interface for FSK? I would like to get on RTTY but am confused as to how to hook up everything together.

As near as I can tell all I have to do is use the following on the ACC2 13 pin Din plug; pin 3 fixed audio and pin 4 audio ground for audio to the interface. On the back of the rig there is a RCA connector for FSK in. Can I just use that and the fixed audio from the ACC2 plug?

I am referencing pages 20 and 27 28 of the TS-850 manual for the FSK wiring.

BTW, my interface is a Rigblaster PRO.

Any info on this will be greatly appreciated.

73
Zack
N8FNR

# 2665. Re: [TS-850_450_690] Kenwood TS-850, soundcard interface & FSK

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-07 18:24:49 UTC
From: Johnny Melvin
Topic: 2664  Message: 2665

Hi Zack,
I have used a TS-850 for some 10 years now on most of the Digital modes.
However its with one of my own interfaces via ACC2

With the advent of FREE Sound Board software its easy to interface the TS-850.
And all the Data modes, all will work ok. PSK31 PSK64 RTTY SSTC WSJT etc.

However I use AFSK on RTTY via a prog called MMTTY.
Its a fine prog and all that I require.I have never used the FSK facility on the rig.
I am sure the purists will say its a better mode but up to now I have been happy with AFSK.

All the needed Inputs/Outputs are on the ACC2, that's the 13 pin socket on the rear.
If you select the correct PTT pin PIN 9. ( there are 2 on the 850 ).
Even your mike gets muted while using data modes.

In my experience if using the 13 Pin ACC2 port it is necessary that all the pins 4/8/12 are well grounded.

If I can be of anymore help don't hesitate to contact me via email or the group if you prefer.

My web page is www.g3liv.co.uk

de Johnny G3LIV.

----- Original Message -----
From: Zack
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, December 07, 2004 6:33 PM
Subject: [TS-850_450_690] Kenwood TS-850, soundcard interface & FSK

Is anyone out there using a TS-850 and a soundcard interface for FSK?
I would like to get on RTTY but am confused as to how to hook up
everything together.

As near as I can tell all I have to do is use the following on the
ACC2 13 pin Din plug; pin 3 fixed audio and pin 4 audio ground for
audio to the interface. On the back of the rig there is a RCA
connector for FSK in. Can I just use that and the fixed audio from
the ACC2 plug?

I am referencing pages 20 and 27 28 of the TS-850 manual for the FSK
wiring.

BTW, my interface is a Rigblaster PRO.

Any info on this will be greatly appreciated.

73
Zack
N8FNR

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[Non-text portions of this message have been removed]

# 2666. TS-850 Noise Blanker Mod - Thanks !

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-09 20:13:23 UTC
From: w9goc
Topic: 2666  Message: 2666

A TS-850 followed me home from a recent hamfest, and as I had the covers off to check the battery, etc and mods done by unknown previous owners, I took the opportunity to do the noise blanker mod that Bill so highly recommends (and provided excelent photos and instructions !)

Although working with those SMD capacitors is a challenge for those of us who find that the 'old' in Old Man may be less an honorary term in the radio operator greeting than it used to be, the modification is definitely worth the effort.

Now to see if there is a way to make a similar improvement in the noise blanker for the TS-450 ...

Thanks again, Bill !

Frederick/W9GOC

# 2667. Re: [TS-850_450_690] TS-850 Noise Blanker Mod - Thanks !

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-09 20:53:32 UTC
From: Bill K0ZL
Topic: 2666  Message: 2667

Congrats on the "new" rig, and you are welcome.

bill K0ZL

--- w9goc <w9goc@...> wrote:

>
> A TS-850 followed me home from a recent hamfest, and
> as I had the
> covers off to check the battery, etc and mods done
> by unknown
> previous owners, I took the opportunity to do the
> noise blanker mod
> that Bill so highly recommends (and provided
> excelent photos and
> instructions !)
>
> Although working with those SMD capacitors is a
> challenge for those
> of us who find that the 'old' in Old Man may be less
> an honorary term
> in the radio operator greeting than it used to be,
> the modification
> is definitely worth the effort.
>
> Now to see if there is a way to make a similar
> improvement in the
> noise blanker for the TS-450 ...
>
> Thanks again, Bill !
>
> Frederick/W9GOC
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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http://mobile.yahoo.com/maildemo

# 2668. Unable to upload files

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-10 08:28:21 UTC
From: rick54045
Topic: 2668  Message: 2668

Hello!

I'm trying to respond to N8FNR's request for a sound card interface.
I am trying to upload a JPG image of a schematic diagram of the
interface I built and am using. Everytime I attemp to upload, after
the file transfer, I get a "cant open page" error on my AOL browser.
The file is not listed and no e-mail messages are sent. I tried 3
times with the same result. Any ideas on what could be going on?

Eric N7DLV

# 2669. TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-10 13:13:03 UTC
From: Kurt
Topic: 2579  Message: 2669

I am thinking about picking up a TS-850., and want to know the good, bad, and ugly things about it. What should I look for when looking at one. Any help is appericated.

73
Kurt

# 2670. Re: TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-10 15:55:56 UTC
From: Bill
Topic: 2579  Message: 2670

There are no real constant problems with these; just make sure it receives and transmits OK on all bands (use dummy load, should be making 100 watts or so on all bands; if it's making 70-80 watts on ALL bands that's ok too, just needs to be turned up a little). Look for any great disparities on either receive sensitivity or power output on any band. This would indicate a bad diode or two (easily fixed).

You should also not be able to hear anything out of the speaker when in transmit mode (mon function OFF of course).

You should not hear any distortion or FMing on receive with the radio cold or warm. You must listen to it for at least one hour at room temp to be sure. This will rule out DDS problems.

bill

--- In TS-850_450_690@yahoogroups.com, "Kurt" <wa8vbx@w...> wrote:
>
> I am thinking about picking up a TS-850., and want to know the
good,
> bad, and ugly things about it. What should I look for when looking
at
> one. Any help is appericated.
>
> 73
> Kurt

# 2671. Re: Unable to upload files

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-10 15:57:28 UTC
From: Bill
Topic: 2668  Message: 2671

If you are responding to him through the group, attachments are automatically stripped. This is to prevent spread of trojans through group emails.

If you are sending to him directly, contact your ISP.

If you are trying to upload a picture to the groups PHOTOS section, be patient. Yahoo servers have been getting hammered lately (that, or the techs have been getting hammered.... hi hi).

bill

--- In TS-850_450_690@yahoogroups.com, "rick54045" <rick54045@y...> wrote:
>
> Hello!
>
> I'm trying to respond to N8FNR's request for a sound card interface.
> I am trying to upload a JPG image of a schematic diagram of the
> interface I built and am using. Everytime I attemp to upload, after
> the file transfer, I get a "cant open page" error on my AOL browser.
> The file is not listed and no e-mail messages are sent. I tried 3
> times with the same result. Any ideas on what could be going on?
>
> Eric N7DLV

# 2672. Finally tried some of the mods....Love the 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-10 16:28:19 UTC
From: nm9p
Topic: 2666  Message: 2672

I just want to add my $.02 worth.
I have had a TS850SAT since 1993 and finally got around to making my first mods this past summer. ( I wanted to wait until my warranty was expired....I had a 5 year extnded warranty from Citibank Visa, then I got lazy)

The mods I did:

1) the Noise Blanker mod...WHY DID I WAIT SO LONG? Now it works! I chose to cut the circuit traces instead of removing the caps. But WOW. That is what a NB should work like.

2) The Mod for 60 Meters....Easier than I thought. But I should have changed out the battery while I was at it. I chose to clip the diode lead midway along the lead. A longnose sideways surgical clipper could even do it (using a dental mirror as a guide) without removing the front panel assembly, if someone was skilled enough. The antenna tuner works great on my homebrew carolina windom, too.

Thanks, guys for a great site and good info!

Now my next mods will probably be....
a) adjustable sidetone mod
b) Contest keyboard keyer jack to parallel the internal keyer.
c) activate tuner on receive
d) bring rtty FSK line out to a pin on 13 pin acc connector
e) Memory Battery replacement

Looking for reviews and advise on these mods....any takers?

Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Congrats on the "new" rig, and you are welcome.
>
> bill K0ZL
>
> --- w9goc <w9goc@a...> wrote:
>
> >
> > A TS-850 followed me home from a recent hamfest, and
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> > that Bill so highly recommends (and provided

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> > instructions !)
> >
> > Although working with those SMD capacitors is a
> > challenge for those
> > of us who find that the 'old' in Old Man may be less
> > an honorary term
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> > the modification
> > is definitely worth the effort.
> >
> > Now to see if there is a way to make a similar
> > improvement in the
> > noise blanker for the TS-450 ...
> >
> > Thanks again, Bill !
> >
> > Frederick/W9GOC
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> =====
>
> "If in doubt, MODIFY" --k0zl
>
> Need a tech? See our website www.amateur-repairs.com
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> Do you Yahoo!?
> Take Yahoo! Mail with you! Get it on your mobile phone.
> http://mobile.yahoo.com/maildemo

# 2673. Re: TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-10 16:42:18 UTC
From: nm9p
Topic: 2579  Message: 2673

My thooughts on the 850...

Positives
1) One of the Best layouts for front panel and controls onthe market.
2) Strong receiver, especially for it's day.
3) great transmit audio
4) love the scratchpad memory function. a few tricks and you can use
it as a resettable RIT in a contest....neat.
5) Antenna tuner works well
6) CW is one of the smoothest I have used, except perhaps, for some of
the high end ten-tec.
7) slope tuning works really well, especially if you have extra
filters installed.

Love it, Love it!

Negatives:
1) Needs mods to let antenna tuner work during receive
2) can't parallel keyboard keyer wiith internal keyer without mod
3) CW sidetone not adjustable fromfront panel without mod
4) Noise blanker ineffective without mod (but great after simple mod)
5) I wish it had 6 meters! then it would be a fantastic rig!

Most of the "missing" features are simple modifications.
If you can get one at a reasonable price, and if doesn't have major
problems, grab it!

Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, "Bill" <coorsbill@y...> wrote:
>
> There are no real constant problems with these; just make sure it
> receives and transmits OK on all bands (use dummy load, should be
> making 100 watts or so on all bands; if it's making 70-80 watts on
> ALL bands that's ok too, just needs to be turned up a little). Look
> for any great disparities on either receive sensitivity or power
> output on any band. This would indicate a bad diode or two (easily
> fixed).
>
> You should also not be able to hear anything out of the speaker when
> in transmit mode (mon function OFF of course).
>
> You should not hear any distortion or FMing on receive with the radio
> cold or warm. You must listen to it for at least one hour at room
> temp to be sure. This will rule out DDS problems.
>

> bill
>
> --- In TS-850_450_690@yahoogroups.com, "Kurt" <wa8vbx@w...> wrote:
> >
> > I am thinking about picking up a TS-850., and want to know the
> good,
> > bad, and ugly things about it. What should I look for when looking
> at
> > one. Any help is appericated.
> >
> > 73
> > Kurt

# 2674. Re: Finally tried some of the mods....Love the 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-10 21:51:58 UTC
From: Max
Topic: 2666  Message: 2674

--- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@y...> wrote:

> Looking for reviews and advise on these mods....any takers?
>
> Ken - NM9P

Ken,

I did the receive tuner mod on all three of the 850's I have owned.
Very easy to do and worth it. I have posted the procedure in the
files section.

Max

# 2675. Re: Unable to upload files

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-11 10:38:32 UTC
From: rick54045
Topic: 2668  Message: 2675

Hello Bill;

I tried to post it to the "Files" section of the group. I'll try
again and see what happens.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, "Bill" <coorsbill@y...> wrote:
>
> If you are responding to him through the group, attachments are
> automatically stripped. This is to prevent spread of trojans
through
> group emails.
>
> If you are sending to him directly, contact your ISP.
>
> If you are trying to upload a picture to the groups PHOTOS section,
> be patient. Yahoo servers have been getting hammered lately (that,
or
> the techs have been getting hammered.... hi hi).
>
> bill
>
>
> --- In TS-850_450_690@yahoogroups.com, "rick54045" <rick54045@y...>
> wrote:
> >
> > Hello!
> >
> > I'm trying to respond to N8FNR's request for a sound card
> interface.
> > > I am trying to upload a JPG image of a schematic diagram of the
> > > interface I built and am using. Everytime I attemp to upload,
> after
> > > the file transfer, I get a "cant open page" error on my AOL
> browser.
> > > The file is not listed and no e-mail messages are sent. I tried
3
> > > times with the same result. Any ideas on what could be going on?
> >
> > > Eric N7DLV

# 2676. Re: Unable to upload files

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-12 02:57:07 UTC
From: rick54045
Topic: 2668  Message: 2676

Hello!

Well for some reason I still can't upload an image into the "Files"
section. Can someone help me? Here is what I am doing and the
response from the website.
1. I select the "Files" link at the left side of this page.
A list of the currently available files is displayed and an "Add
File" link is provided at the top left just above the list.
2. I select "Add File".
An Add File page is loaded and I am prompted to enter the location
of the file on my hard drive and a description of the file.
3. I use the "browse" feature to locate the file and select the
appropriate file.
The file location path on my hard drive is properly displayed in
the File Name box.
4. I enter the description of the image file in the description box,
and check the box to notify the news group.
5. I select "Upload File".
A status bar appears in the lower left of the display and the RD
and SD lights on my modem start flashing. The status bar grows until
the file upload is completed. It is at this time that I get a "Web
Site Not responding error message".

I thought at first that perhaps the file was too big for the
remaining allowable space, but it's size is less than 300Kbytes.

What am I doing wrong? I did manage to upload the image in
the "Photos" section of the web site.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, "rick54045" <rick54045@y...>
wrote:
>
> Hello Bill;
>
> I tried to post it to the "Files" section of the group. I'll try
> again and see what happens.
>
> Eric N7DLV
>
>
> --- In TS-850_450_690@yahoogroups.com, "Bill" <coorsbill@y...>
wrote:
> >
> > If you are responding to him through the group, attachments are

> > automatically stripped. This is to prevent spread of trojans
> through
> > group emails.
> >
> > If you are sending to him directly, contact your ISP.
> >
> > If you are trying to upload a picture to the groups PHOTOS
section,
> > be patient. Yahoo servers have been getting hammered lately
(that,
> or
> > the techs have been getting hammered.... hi hi).
> >
> > bill
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "rick54045"
<rick54045@y...>
> > wrote:
> > >
> > > Hello!
> > >
> > > I'm trying to respond to N8FNR's request for a sound card
> > interface.
> > > I am trying to upload a JPG image of a schematic diagram of the
> > > interface I built and am using. Everytime I attemp to upload,
> > after
> > > the file transfer, I get a "cant open page" error on my AOL
> > browser.
> > > The file is not listed and no e-mail messages are sent. I
tried
> 3
> > > times with the same result. Any ideas on what could be going
on?
> > >
> > > Eric N7DLV

# 2677. did some mods to my 850.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-11 14:34:17 UTC
From: sailfree4me@netscape.net
Topic: 2677  Message: 2677

Hi,

I just received my 850 back from a loan for several years. After joining and reading into this site, I decided to get into it and do a few items.

First, mine was purchased in '91 so I went to the battery. it was getting fuzzy on the back showing leakage. surprise! I clipped the mounting tabs close to the battery. Before removing I measured it at over 3 volts??? When out of the rig it measured 2.8, heading down the slope. I replaced with a socket removed from a old motherboard and soldered to the old tabs. I like using the old component leads for mods rather than hitting the circuit board. Not as neat looking but safer.

I went to jumper the BC band attenuator and found the two holes on top of the board to be plated through. I put a jumper on top of the board and that did the trick.

I finally found the little board with the noise blanker on it and cut the traces to the 2 chip caps. This has finally made the NB useful.

I have observed the cw output go up and down, oscillating with about a 1 or 2 second period. I found out the little board for the DC-DC converter is on the same small board as the NB so I untangled this twice. I found that I could get at it just removing the two ribbon cables but none of the ones to the board. I have had trouble with a 33uf-16volt cap before in the rig, so I decided to remove several of the ones adjacent to the board and check them. I measured them on the cap meter and they showed fine. I put them on the vom and watched them charge as I reversed the polarity. This seemed nominal. I reinstalled them and thought to order a new board and put it in later. When I brought the rig up, the problem seems to have disappeared??

I also found the diode to clip to give me 5 mHz coverage. Clipped and spread the leads apart. This worked as expected and I have loaded the 5 channels in memory. BTW, when changing the battery, I expected to loose the programmed memories. They stayed as they had been so there must be a cap that holds the memory voltage for a while.

I want to thank all who have contributed to the research on the mods. Particularly the ham that took the GREAT photos in the files of the component locations. These were invaluable. These rigs are too nice to let sit in the corner of the shack. So far the DSP chips are hanging in there, knock wood.

John - W4BA

_____
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# 2678. Re: Kenwood TS-850, soundcard interface & FSK

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-12 03:05:49 UTC
From: rick54045
Topic: 2664  Message: 2678

Hello Zack;

I uploaded a schematic diagram of an interface circiut in the Photos section of the group. I built this interface some years ago and have not had any problems with it. I run 100 Watts. I have successfully used this interface for MMSSTV, MMTTY (Rtty), and PSK31. If you build it, the serial port is used to key the transmitter and during transmit, the microphone audio is muted. With carful construction, you should be able to build it in just a couple of hours, and everything, including the isolation transformers will fit inside the shell of a DB25 connector.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, "Zack" <vtnn43e@a...> wrote:
>
> Is anyone out there using a TS-850 and a soundcard interface for FSK?
> I would like to get on RTTY but am confused as to how to hook up
> everything together.
>
> As near as I can tell all I have to do is use the following on the
> ACC2 13 pin Din plug; pin 3 fixed audio and pin 4 audio ground for
> audio to the interface. On the back of the rig there is a RCA
> connector for FSK in. Can I just use that and the fixed audio from
> the ACC2 plug?
>
> I am referencing pages 20 and 27 28 of the TS-850 manual for the FSK
> wiring.
>
> BTW, my interface is a Rigblaster PRO.
>
> Any info on this will be greatly appreciated.
>
> 73
> Zack
> N8FNR

# 2679. S/N and age

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-12 03:41:11 UTC
From: Lane Giard
Topic: 2679  Message: 2679

I am looking at getting a 850 and want to know how to tell the age.
Thanks Lane N7ZXP

# 2680. Re: [TS-850_450_690] did some mods to my 850.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-12 04:28:09 UTC
From: Bill K0ZL
Topic: 2677  Message: 2680

John, change R2 and R3 on the DC-DC board from 22k to
18k; that will fix the ALC thing.
b

--- sailfree4me@... wrote:

>
> Hi,
>
> I just received my 850 back from a loan for several
> years. After joining and reading into this site, I
> decided to get into it and do a few items.
>
> First, mine was purchased in '91 so I went to the
> battery. it was getting fuzzy on the back showing
> leakage. surprise! I clipped the mounting tabs
> close to the battery. Before removing I measured it
> at over 3 volts??? When out of the rig it measured
> 2.8, heading down the slope. I replaced with a
> socket removed from a old motherboard and soldered
> to the old tabs. I like using the old component
> leads for mods rather than hitting the circuit
> board. Not as neat looking but safer.
>
> I went to jumper the BC band attenuator and found
> the two holes on top of the board to be plated
> through. I put a jumper on top of the board and
> that did the trick.
>
> I finally found the little board with the noise
> blanker on it and cut the traces to the 2 chip caps.
> This has finally made the NB useful.
>
> I have observed the cw output go up and down,
> oscillating with about a 1 or 2 second period. I
> found out the little board for the DC-DC converter
> is on the same small board as the NB so I untangled
> this twice. I found that I could get at it just
> removing the two ribbon cables but none of the ones
> to the board. I have had trouble with a 33uf-16volt
> cap before in the rig, so I decided to remove
> several of the ones adjacent to the board and check
> them. I measured them on the cap meter and they
> showed fine. I put them on the vom and watched them
> charge as I reversed the polarity. This seemed

> nominal. I reinstalled them and thought to order a
> new board and put it in later. When I brought the
> rig up, the problem seems to have disappeared??
>
> I also found the diode to clip to give me 5 mHz
> coverage. Clipped and spread the leads apart. This
> worked as expected and I have loaded the 5 channels
> in memory. BTW, when changing the battery, I
> expected to loose the programmed memories. They
> stayed as they had been so there must be a cap that
> holds the memory voltage for a while.
>
> I want to thank all who have contributed to the
> research on the mods. Particularly the ham that took
> the GREAT photos in the files of the component
> locations. These were invaluable. These rigs are
> too nice to let sit in the corner of the shack. So
> far the DSP chips are hanging in there, knock wood.
>
> John - W4BA
>
>

---
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>
>
>
>

=====

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---
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Send holiday email and support a worthy cause. Do good.
http://celebrity.mail.yahoo.com

# 2681. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-12 04:35:54 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 2681

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /DSCF0004.JPG
Uploaded by : k0zl <coorsbill@...>
Description : TEST FOTO DELETE ME K0ZL

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/DSCF0004.JPG

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

k0zl <coorsbill@...>

# 2682. Re: [TS-850_450_690] Re: Unable to upload files

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-12 04:36:58 UTC
From: Bill K0ZL
Topic: 2668  Message: 2682

Worked for me Rick; I uploaded a picture of about 500k
size, DSCF0004, "TEST FOTO DELETE ME"...

not sure what would be the problem.

73,

bill K0ZL

--- rick54045 <rick54045@...> wrote:

>
> Hello!
>
> Well for some reason I still can't upload an image
> into the "Files"
> section. Can someone help me? Here is what I am
> doing and the
> response from the website.
> 1. I select the "Files" link at the left side of
> this page.
> A list of the currently available files is
> displayed and an "Add
> File" link is provided at the top left just above
> the list.
> 2. I select "Add File".
> An Add File page is loaded and I am prompted to
> enter the location
> of the file on my hard drive and a description of
> the file.
> 3. I use the "browse" feature to locate the file and
> select the
> appropriate file.
> The file location path on my hard drive is
> properly displayed in
> the File Name box.
> 4. I enter the description of the image file in the
> description box,
> and check the box to notify the news group.
> 5. I select "Upload File".
> A status bar appears in the lower left of the
> display and the RD
> and SD lights on my modem start flashing. The
> status bar grows until
> the file upload is completed. It is at this time
> that I get a "Web

> Site Not responding error message".
>
> I thought at first that perhaps the file was too big
> for the
> remaining allowable space, but it's size is less
> than 300Kbytes.
>
> What am I doing wrong? I did manage to upload the
> image in
> the "Photos" section of the web site.
>
> Eric N7DLV
>
> --- In TS-850_450_690@yahoogroups.com, "rick54045"
> <rick54045@y...>
> wrote:
> >
> > Hello Bill;
> >
> > I tried to post it to the "Files" section of the
> group. I'll try
> > again and see what happens.
> >
> > Eric N7DLV
> >
> >
> > --- In TS-850_450_690@yahoogroups.com, "Bill"
> <coorsbill@y...>
> wrote:
> > >
> > > If you are responding to him through the group,
> attachments are
> > > automatically stripped. This is to prevent
> spread of trojans
> > through
> > > group emails.
> > >
> > > If you are sending to him directly, contact your
> ISP.
> > >
> > > If you are trying to upload a picture to the
> groups PHOTOS
> section,
> > > be patient. Yahoo servers have been getting
> hammered lately
> (that,
> > or
> > > the techs have been getting hammered.... hi hi).
> > >
> > > bill

> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com,
> "rick54045"
> <rick54045@y...>
> > > wrote:
> > > >
> > > > Hello!
> > > >
> > > > I'm trying to respond to N8FNR's request for a
> sound card
> > > interface.
> > > > I am trying to upload a JPG image of a
> schematic diagram of the
> > > > interface I built and am using. Everytime I
> attemp to upload,
> > > after
> > > > the file transfer, I get a "cant open page"
> error on my AOL
> > > browser.
> > > > The file is not listed and no e-mail messages
> are sent. I
> tried
> > 3
> > > > times with the same result. Any ideas on what
> could be going
> on?
> > > >
> > > > Eric N7DLV
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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http://my.yahoo.com

# 2683. Info needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-12 06:49:47 UTC
From: Lane Giard
Topic: 2683  Message: 2683

I am thinking of getting a 850 off e-bay. I read these posts alot and see there is all kinds of mods. My question is if I sent a 850 to Kenwood and told them to do all the radio mods, will they do all these mods I see on here. Knock-on-wood, I have never had to send a radio in s I dont have any experiance with them. Thanks for your time.

Lane N7ZXP

# 2684. Re: Unable to upload files

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-12 11:28:48 UTC
From: rick54045
Topic: 2668  Message: 2684

Hello Bill;

I was able to upload an image in the "Photos" area of the group.
After three attempts, I was not able to upload the image in
the "Files" section of the group. Please take a look at my previous
post and tell me if my attempt was done properly.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> Worked for me Rick; I uploaded a picture of about 500k
> size, DSCF0004, "TEST FOTO DELETE ME"...
>
> not sure what would be the problem.
>
> 73,
>
> bill K0ZL
>
> --- rick54045 <rick54045@y...> wrote:
>
> >
> > Hello!
> >
> > Well for some reason I still can't upload an image
> > into the "Files"
> > section. Can someone help me? Here is what I am
> > doing and the
> > response from the website.
> > 1. I select the "Files" link at the left side of
> > this page.
> > A list of the currently available files is
> > displayed and an "Add
> > File" link is provided at the top left just above
> > the list.
> > 2. I select "Add File".
> > An Add File page is loaded and I am prompted to
> > enter the location
> > of the file on my hard drive and a description of
> > the file.
> > 3. I use the "browse" feature to locate the file and
> > select the
> > appropriate file.
> > The file location path on my hard drive is
> > properly displayed in

> > the File Name box.
> > 4. I enter the description of the image file in the
> > description box,
> > and check the box to notify the news group.
> > 5. I select "Upload File".
> > A status bar appears in the lower left of the
> > display and the RD
> > and SD lights on my modem start flashing. The
> > status bar grows until
> > the file upload is completed. It is at this time
> > that I get a "Web
> > Site Not responding error message".
> >
> > I thought at first that perhaps the file was too big
> > for the
> > remaining allowable space, but it's size is less
> > than 300Kbytes.
> >
> > What am I doing wrong? I did manage to upload the
> > image in
> > the "Photos" section of the web site.
> >
> > Eric N7DLV
> >
> > --- In TS-850_450_690@yahoogroups.com, "rick54045"
> > <rick54045@y...>
> > wrote:
> > >
> > > Hello Bill;
> > >
> > > I tried to post it to the "Files" section of the
> > group. I'll try
> > > again and see what happens.
> > >
> > > Eric N7DLV
> > >
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "Bill"
> > <coorsbill@y...>
> > wrote:
> > > >
> > > > If you are responding to him through the group,
> > attachments are
> > > > automatically stripped. This is to prevent
> > spread of trojans
> > > > through
> > > > group emails.
> > > >
> > > > If you are sending to him directly, contact your
> > ISP.

> > > >
> > > > If you are trying to upload a picture to the
> > groups PHOTOS
> > section,
> > > > > be patient. Yahoo servers have been getting
> > hammered lately
> > (that,
> > > > or
> > > > > the techs have been getting hammered.... hi hi).
> > > > >
> > > > > bill
> > > > >
> > > > >
> > > > > --- In TS-850_450_690@yahoogroups.com,
> > "rick54045"
> > <rick54045@y...>
> > > > > wrote:
> > > > > >
> > > > > > Hello!
> > > > > >
> > > > > > I'm trying to respond to N8FNR's request for a
> > sound card
> > > > > interface.
> > > > > > I am trying to upload a JPG image of a
> > schematic diagram of the
> > > > > > interface I built and am using. Everytime I
> > attemp to upload,
> > > > > after
> > > > > > the file transfer, I get a "cant open page"
> > error on my AOL
> > > > > browser.
> > > > > > The file is not listed and no e-mail messages
> > are sent. I
> > tried
> > > > 3
> > > > > > times with the same result. Any ideas on what
> > could be going
> > on?
> > > > > >
> > > > > > Eric N7DLV
> > >
> > >
> > >
> > >
> >
> >
> > =====
> >
> > "If in doubt, MODIFY" --k0zl
> >

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>
>
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# 2685. TS-450 Mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-12 13:15:28 UTC
From: Rodrigo
Topic: 2685  Message: 2685

Hello,

I was just wondering if there is a mod for the TS-450 to enable the antenna tunner be able to tune in receive, like there is for the TS-850?

Thanks

Rod - N1PXB / ZZ4DTS

[Non-text portions of this message have been removed]

# 2686. Re: [TS-850_450_690] Info needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-12 15:59:28 UTC
From: Bill K0ZL
Topic: 2683  Message: 2686

Kenwood will not do non-factory mods, sorry

bill

--- Lane Giard <n7zxp@...> wrote:

>
> I am thinking of getting a 850 off e-bay. I read
> these posts alot
> and see there is all kinds of mods. My question is
> if I sent a 850
> to Kenwood and told them to do all the radio mods,
> will they do all
> these mods I see on here. Knock-on-wood, I have
> never had to send a
> radio in s I dont have any experiance with them.
> Thanks for your
> time.
>
> Lane N7ZXP
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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# 2687. Re: [TS-850_450_690] Re: Unable to upload files

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-12 16:08:50 UTC
From: Bill K0ZL
Topic: 2668  Message: 2687

(replied off list--bill)

--- rick54045 <rick54045@...> wrote:

>
> Hello Bill;
>
> I was able to upload an image in the "Photos" area
> of the group.
> ...

=====

"If in doubt, MODIFY" --k0zl

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http://celebrity.mail.yahoo.com

# 2688. Re: [TS-850_450_690] S/N and age

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-12 18:58:33 UTC
From: n7ioh
Topic: 2679  Message: 2688

Hi Lane, on Nov. 11, 2004 I asked the same question and here are the replies I received.

"You might email or call kenwood support. I have asked them several things and they are VERY helpfull, curteous and prompt. They really seem to care about their customers up there."
from Sarge

"First digit minus 2 gives year of manufacture, e.g. 6xxxxxx is '94."
from Randy K9OR

I hope this helps.
Al, N7IOH

Lane Giard wrote:

>I am looking at getting a 850 and want to know how to tell the age.
>Thanks Lane N7ZXP
>
>
>
>
>
>

# 2689. Problem with KMIJ

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-16 12:13:23 UTC
From: rick54045
Topic: 2689  Message: 2689

Hello!

I downloaded, extracted and attempted to install the Kenwood control
program KMIJ. The installation setup seems to be corrupted.
According to the readme file the author considers it Freeware.
Anyone have a working copy they can upload to the files section?

Thanks
Eric N7DLV

# 2690. Re: [TS-850_450_690] Problem with KMIJ

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-16 13:29:21 UTC
From: ve3wej
Topic: 2689  Message: 2690

I just downloaded it...let me check it out first. All I get is "demo" mode...

Found a downfall, that it only allows up to com4, my radio was com 5. edited my registry to make it com2 (that one was open) and edited the software and it works fine here. I could send the zip file if you want direct. or upload it to the 850 files area.

Ve3wej/Ve3ie
Dave Garber
----- Original Message -----
From: rick54045
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, December 16, 2004 7:13 AM
Subject: [TS-850_450_690] Problem with KMIJ

Hello!

I downloaded, extracted and attempted to install the Kenwood control
program KMIJ. The installation setup seems to be corrupted.
According to the readme file the author considers it Freeware.
Anyone have a working copy they can upload to the files section?

Thanks
Eric N7DLV

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b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2691. Re: Problem with KMIJ

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-16 22:01:23 UTC
From: rick54045
Topic: 2689  Message: 2691

Hello Dave;

The file uploaded to the group is the one giving me problems, file KMIJ3v24.ZIP is the one giving me problems. After extracting it in a temporary folder and running the setup, I get a cant copy setup1.ex_ error. From the KMIJ site I downloaded KMIJv24ns.ZIP, extracted it and ran setup. Now I get the "DEMO" mode as you stated earlier. I'll check my COM ports and try to determine what's going on.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, "ve3wej" <ve3wej@c...> wrote:
> I just downloaded it...let me check it out first. All I get is "demo" mode...
>
> Found a downfall, that it only allows up to com4, my radio was com 5. edited my registry to make it com2 (that one was open) and edited the software and it works fine here. I could send the zip file if you want direct. or upload it to the 850 files area.
>
>
>
>
>
> Ve3wej/Ve3ie
> Dave Garber
> ----- Original Message -----
> From: rick54045
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, December 16, 2004 7:13 AM
> Subject: [TS-850_450_690] Problem with KMIJ
>
>
>
>
> Hello!
>
> I downloaded, extracted and attempted to install the Kenwood control
> program KMIJ. The installation setup seems to be corrupted.
> According to the readme file the author considers it Freeware.
> Anyone have a working copy they can upload to the files section?
>
> Thanks
> Eric N7DLV
>
>

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>
> THANKS FOR USING TS-850_450_690@Y...
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>
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> ------------------------------------------------------------------------
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> Yahoo! Groups Links
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> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
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>
>
> [Non-text portions of this message have been removed]

# 2692. Re: [TS-850_450_690] Re: Problem with KMIJ

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-16 23:04:59 UTC
From: ve3wej
Topic: 2689  Message: 2692

I ran the setup right from within winzip. It almost sounds like a "path" error. the setup.exe did NOT know where the other files were.

when I clicked on the correct port for me, the program became no longer a demo.

Ve3wej/Ve3ie
Dave Garber
----- Original Message -----
From: rick54045
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, December 16, 2004 5:01 PM
Subject: [TS-850_450_690] Re: Problem with KMIJ

Hello Dave;

The file uploaded to the group is the one giving me problems, file KMIJ3v24.ZIP is the one giving me problems. After extracting it in a temporary folder and running the setup, I get a cant copy setup1.ex_ error. From the KMIJ site I downloaded KMIJv24ns.ZIP, extracted it and ran setup. Now I get the "DEMO" mode as you stated earlier. I'll check my COM ports and try to determine what's going on.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, "ve3wej" <ve3wej@c...> wrote:
> I just downloaded it...let me check it out first. All I get is "demo" mode...
>
> Found a downfall, that it only allows up to com4, my radio was com 5. edited my registry to make it com2 (that one was open) and edited the software and it works fine here. I could send the zip file if you want direct. or upload it to the 850 files area.
>
>
>
>
>
> Ve3wej/Ve3ie
> Dave Garber
> ----- Original Message -----
> From: rick54045
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, December 16, 2004 7:13 AM
> Subject: [TS-850_450_690] Problem with KMIJ
>
>

>
> Hello!
>
> I downloaded, extracted and attempted to install the Kenwood
control
> program KMIJ. The installation setup seems to be corrupted.
> According to the readme file the author considers it Freeware.
> Anyone have a working copy they can upload to the files section?
>
> Thanks
> Eric N7DLV
>
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>
> THANKS FOR USING TS-850_450_690@Y...
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> ------------------------------------------------------------------------
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> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
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>
> [Non-text portions of this message have been removed]

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c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2693. TS-850 reliability,problems and repairs ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-17 00:39:04 UTC
From: Sergio Potes
Topic: 2693  Message: 2693

I had a TS-850 and I liked it very much... one of the best receivers around.... planning on getting another one to have it as a backup and cw radio.
My concerns are if this radio is still reliable and if repairs are needed can you find parts and repair tech to take care of them.
I did remember only having one problem with mine and that was distorted ssb on tx and rx it was repaired and worked fine.
I still think this was one the best from Kenwood an excellent receiver with good audio and good qsk for cw.
Thanks for any comments! Sergio AE4TO

# 2694. Re: [TS-850_450_690] TS-850 reliability,problems and repairs ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-17 01:13:44 UTC
From: Bill K0ZL
Topic: 2693  Message: 2694

No problem getting parts, so far.

bill
K0ZL

--- Sergio Potes <verotex@...> wrote:

>
>
> I had a TS-850 and I liked it very much... one of
> the best receivers
> around.... planning on getting another one to have
> it as a backup
> and cw radio.
> My concerns are if this radio is still reliable and
> if repairs are
> needed can you find parts and repair tech to take
> care of them.
> I did remember only having one problem with mine and
> that was
> distorted ssb on tx and rx it was repaired and
> worked fine.
> I still think this was one the best from Kenwood an
> excellent
> receiver with good audio and good qsk for cw.
> Thanks for any comments! Sergio AE4TO
>
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>

=====

"If in doubt, MODIFY" --k0zl

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Do you Yahoo!?
Yahoo! Mail - Helps protect you from nasty viruses.
http://promotions.yahoo.com/new_mail

# 2695. help please tnx

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-17 16:13:03 UTC
From: paul1372001
Topic: 2695  Message: 2695

Hi everybody,
I'm looking for some help, I'm looking for an HF
amplifier. I want it second hand or someone build it to me. I need it
for all HF with approx 800 watts. Important please I need it with 240
Volts mains. If someone is interested to help and want to send via
private mail no problem. Please send to pol235@... Any
help is appriciated.
Thanks in advance de'
9H1SP
Paul

# 2696. TS850 RIT "trick"

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-17 17:52:40 UTC
From: nm9p
Topic: 2696  Message: 2696

I mentioned in a post about great features of the 850 a "trick" for clearing the RIT. I was asked by email to explain....

I am aware that others have described these techniques before, this is just my way of explaining them...

Here are two different ways I use when running contests and need to tune in off frequency stations and quickly get back to the main receive frequency.

Method one...
Use the split function and store the frequencies in a memory. i.e.
a) tune in receive freq in VFO A.
b) Hit A=B Button to equalize RX & TX freqs.
c) Hit TX on B button to activate split function
d) Store this split in a memory (1-89) like Mem 01
e) go to memory mode (RX M.CH A) and run your pileup from the memory.
f) tune off freq stations with main tuning dial...XMIT stays on main freq since you are running split.
g) when finished with the contact, just hit the "M.CH A" button again and it will return you to the original "split" (which are both the same). (Works just like a "RIT Clear" button.....slick)
h) keep operating and have fun.
This even works with true splits (working up or down 5 or ten, for example, or split band on 40M). Just set the proper TX Freq before you store the split in Memory.
You can set up several frequencies in multiple memories and run several bands like this.

Method Two.....
Use the "Quick Memo" scratch pad memories to keep you on the right split.
a) tune in receive freq in VFO A.
b) Hit A=B Button to equalize RCV & XMT freqs.
c) hit XMT on B button to activate split function
d) Hit the little "Quick Memo" M.IN button five times, to store this split into all five quick memo slots.
e) Hit the "Quick Memo" MR button and run your pileup from the quick memory.
f) tune off freq stations with main tuning dial...XMIT stays on main freq since you are running split.
g) when finished with the contact, just turn the MCH knob to another memory and it will reset you to the original "split" (which are both the same).
h) keep operating and have fun.
You don't have to store the split in all five quick memories if you don't want to. You can even store different freq pairs or odd splits

in the other four quick memo's if you wish. I just find it easier to grab the knob and twist it and go back to operating thanto turn it one click and then back to the correct memory. If I store it in all five, I can just grab, stab & go!

Another use for this technique:
Using Method One....
I store the five discrete frequencies for 60 Meters in five memories as "splits" (I use 51-55 to make it easier to remember the 5 Mhz channels) Then I work stations from the memory. Then if my cat bumps the Main Tuning knob (Which he has done several times) I won't accidently be off freq. I can tune other stations who are off a little without messing up my transmit freq. Good for being a good neighbor and staying within the law.

Happy Operating and 73
de Ken - NM9P

# 2697. who can mail me 26 pcs BAR64V-02V

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-18 08:57:56 UTC
From: vk6kdd
Topic: 2697  Message: 2697

Hi,

I need a supplier for 26 pcs BAR64V-02V for my kenwood trx's

I can pay by pay pal ??

73 Ron VK6KDD

# 2698. Noise blanker mod help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-19 08:45:42 UTC
From: rick54045
Topic: 2698  Message: 2698

Hello!

I am ready to do the noise blanker mod and need your help. Where is the board located within my TS-850? I think I see it located to the left of the fan and in front of the filter dip switch located lower down in the chassis, but before I disconnect any cables, I want to make sure.

Eric N7DLV

# 2699. Re: [TS-850_450_690] Noise blanker mod help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-19 10:09:04 UTC
From: Ron Meiring
Topic: 2698  Message: 2699

It is the one located under the speaker.

One small PCB with a small flat cable to it 0,5 inch.

Cant miss it.

73 Ron VK6KDD

On Sun, 19 Dec 2004 08:45:42 -0000, rick54045 wrote:
>Hello!
>
>I am ready to do the noise blanker mod and need your help. Where is
>the board located within my TS-850? I think I see it located to the
>left of the fan and in front of the filter dip switch located lower
>down in the chassis, but before I disconnect any cables, I want to
>make sure.
>
>Eric N7DLV
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>
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>
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--
No virus found in this outgoing message.

Checked by AVG Anti-Virus.
Version: 7.0.296 / Virus Database: 265.6.0 - Release Date: 17/12/2004

# 2700. Poorman TCXO TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-19 11:29:17 UTC
From: Ron Meiring
Topic: 2700  Message: 2700

Hi

For less than 10 US (about 7 euro) you can have a TCXO in your TS850.

This mod is based on a percision SMD X-tal heater from Kunhke electronics.
http://www.kuhne-electronic.de/

The precision SMD quartz heater from DB6NT Kuhne electronics works exellent and is now just about installed in every radio I have. The heater runs on 40 degrees so you dont need a special X-tal. Remove the 4 of the 6 screw wich give you acess to the synthesyer PCB. Desolder the 20mHz reference X-tal and heat shrink the new heater with a little conductive heat paste on to it.
There is 9v on the synthesyser module avaliable from a 9v voltage regulator. Big 3 pin regulator use left pin seen from the X-tal for 9 volt.
I used polystyrene insulation around the X-tal to enhance the preformance even more.

The heater looks like a real piece of art, a small circuit board made on a special heat conductive substrate with about 20 smd components and a small IC on it controll the temp.

I use the same heater for my transverters on 2m.
On 2m I stay within 20Hz RX and TX with this TCXO.
So on HF the stability should be about 4 Hz when swithing over between RX and TX 50% duty cycle.
Just on RX only the stabilty should be much better.

Thanks
Ron VK6KDD

--
No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.296 / Virus Database: 265.6.0 - Release Date: 17/12/2004

# 2701. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-19 11:48:36 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 2701

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /MODIFICATIONS/DSC00748.JPG
Uploaded by : vk6kdd <rmeiring@...>
Description : TCXO Poorman

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/MODIFICATIONS/DSC00748.JPG

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

vk6kdd <rmeiring@...>

# 2702. Re: Poorman TCXO TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-19 12:03:35 UTC
From: RobertV
Topic: 2700  Message: 2702

http://www.kuhne-electronic.de/english/special/crystalheater.htm
is a direct link to it, and at a cost of under 12euro is excellent.
I'm going to order a couple for other projects.

Thanks for the info Ron.

Rv!

At 19/12/2004 11:29, Ron Meiring wrote:

>Hi
>
>For less than 10 US (about 7 euro) you can have a TCXO in your TS850.
>
>This mod is based on a percision SMD X-tal heater from Kunhke
>electronics.
>http://www.kuhne-electronic.de/
>
>The precision SMD quartz heater from DB6NT Kuhne electronics
>works exellent and is now just about installed in every radio I have.
>The heater runs on 40 degrees so you dont need a special X-tal.
>Remove the 4 of the 6 screw wich give you acess to the synthesyer
>PCB. Desolder the 20mHz reference X-tal and heat shrink the new
>heater with a little conductive heat paste on to it.
>There is 9v on the synthesyser module avaliable from a 9v voltage
>regulator. Big 3 pin regulator use left pin seen from the X-tal for 9
>volt.
>I used polystyrene insulation around the X-tal to enhance the
>preformance even more.
>
>The heater looks like a real piece of art, a small circuit board made
>on a special heat conductive substrate with about 20 smd components
>and a small IC on it controll the temp.
>
>I use the same heater for my transverters on 2m.
>On 2m I stay within 20Hz RX and TX with this TCXO.
>So on HF the stability should be about 4 Hz when swithing over
>between RX and TX 50% duty cycle.
>Just on RX only the stabilty should be much better.
>
>Thanks
>Ron VK6KDD

Sick of Spam? Visit http://keir.net/k9.html

# 2703. Re: [TS-850_450_690] Noise blanker mod help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-19 14:08:08 UTC
From: Bill K0ZL
Topic: 2698  Message: 2703

That's it.

The ribbon cable just pulls out; no latches involved.

b

--- rick54045 <rick54045@...> wrote:

>
> Hello!
>
> I am ready to do the noise blanker mod and need your
> help. Where is
> the board located within my TS-850? I think I see
> it located to the
> left of the fan and in front of the filter dip
> switch located lower
> down in the chassis, but before I disconnect any
> cables, I want to
> make sure.
>
> Eric N7DLV
>
>
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>

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"If in doubt, MODIFY" --k0zl

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http://info.mail.yahoo.com/mail_250

# 2704. Re: Noise blanker mod help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-19 21:04:26 UTC
From: rick54045
Topic: 2698  Message: 2704

Thanks for the info Gents, I'll do the mod later today, but 1st, I
have presents to wrap and some last minute shopping to do.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> That's it.
>
> The ribbon cable just pulls out; no latches involved.
>
> b
>
> --- rick54045 <rick54045@y...> wrote:
>
> >
> > Hello!
> >
> > I am ready to do the noise blanker mod and need your
> > help. Where is
> > the board located within my TS-850? I think I see
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> > left of the fan and in front of the filter dip
> > switch located lower
> > down in the chassis, but before I disconnect any
> > cables, I want to
> > make sure.
> >
> > Eric N7DLV
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> =====
>
> "If in doubt, MODIFY" --k0zl
>
> Need a tech? See our website www.amateur-repairs.com
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> Do you Yahoo!?
> Yahoo! Mail - now with 250MB free storage. Learn more.
> http://info.mail.yahoo.com/mail_250

# 2705. Seasons Greetings to all

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-22 13:26:50 UTC
From: Max
Topic: 2705  Message: 2705

I would like to take this time to wish everyone the very best of the season and a safe and healthy 2005.

Max VE3TMT and family

# 2706. Problem with RS-850S after leaky battery...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-22 14:26:36 UTC
From: aa9yf
Topic: 2706  Message: 2706

I am looking to purchase a used Kenwood TS-850SAT but the one I found has a very good price but a problem. Here goes...this is direct from the owner of the radio.

"There is one flaw with this radio, operationally it is fine except for the memories. The memory board on this model has a known problem of allowing the memory battery to leak onto the board. This leakage has caused the memory board to continuously scan thru all the memory locations if you turn the memory select knob. You can stop the scanning by turning the knob back to the original position that you started from. This is the only problem that this radio has."

The above text is direct from the owner of the radio. Is there any chance the memory select pot is bad and not the memory board? It would seem to me the problem should not be solved by moving the pot back to the original spot if it is indeed a memory board problem. It is a 21xxx serial number so I have contemplated the DDS chips as the source of any odd problems (including the one mentioned above).

Thank you in advance,

Darren

# 2707. Re: Poorman TCXO TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-23 00:44:49 UTC
From: aa9yf
Topic: 2700  Message: 2707

Thank you for sending along this information. I have been looking for
something like this for some time. I am going to order a couple as
are other local hams. It sure will be cheaper than buying the SO-2
for my TS-850 and since no TCXO is available for my FT-847 it solves a
serious problem with that radio for only a few dollars. These will
also be great for other radio project that come up from time to time.

Thanks again and Merry Christmas...Darren

--- In TS-850_450_690@yahoogroups.com, RobertV <mail2004@m...> wrote:
>
> http://www.kuhne-electronic.de/english/special/crystalheater.htm
> is a direct link to it, and at a cost of under 12euro is excellent.
> I'm going to order a couple for other projects.
>
> Thanks for the info Ron.
>
> Rv!
>
>
>
> At 19/12/2004 11:29, Ron Meiring wrote:
>
>
> >Hi
> >
> >For less than 10 US (about 7 euro) you can have a TCXO in your TS850.
> >
> >This mod is based on a percision SMD X-tal heater from Kunhke
> >electronics.
> >http://www.kuhne-electronic.de/
> >
> >The precision SMD quartz heater from DB6NT Kuhne electronics
> >works exellent and is now just about installed in every radio I have.
> >The heater runs on 40 degrees so you dont need a special X-tal.
> >Remove the 4 of the 6 screw wich give you acess to the synthesyer
> >PCB. Desolder the 20mHz reference X-tal and heat shrink the new
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> >There is 9v on the synthesyser module avaliable from a 9v voltage
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> >volt.
> >I used polystyrene insulation around the X-tal to enhance the
> >preformance even more.
> >
> >The heater looks like a real piece of art, a small circuit board made

> >on a special heat conductive substrate with about 20 smd components
> >and a small IC on it controll the temp.
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> >I use the same heater for my transverters on 2m.
> >On 2m I stay within 20Hz RX and TX with this TCXO.
> >So on HF the stability should be about 4 Hz when swithing over
> >between RX and TX 50% duty cycle.
> >Just on RX only the stabilty should be much better.
> >
> >Thanks
> >Ron VK6KDD
>
> Sick of Spam? Visit http://keir.net/k9.html

# 2708. Re: [TS-850_450_690] Seasons Greetings to all

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-23 05:32:12 UTC
From: Bill K0ZL
Topic: 2705  Message: 2708

Thanks Max.

As one who has come through a scary medical thing, let
me tell you, the best Christmas gift (besides our
Savior of course) is our health.

May everyone be in the best of health in 2005 and
beyond.

bill

--- Max <ve3tmt@...> wrote:

>
> I would like to take this time to wish everyone the
> very best of the
> season and a safe and healthy 2005.
>
> Max VE3TMT and family
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

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http://my.yahoo.com

# 2709. TS-850 needs repair...who do you recommend??

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-24 04:55:44 UTC
From: lucysbranch
Topic: 2709  Message: 2709

Hello:

I have an 850 that needs some repair. Who would be the best service center to send it to??

Tnx es 73 de W4RDB
Ron

# 2710. TS-850 Battery Replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-24 12:57:17 UTC
From: lbooth49
Topic: 2710  Message: 2710

I recall seeing information on the battery replacement procedure.
Does anyone have a link to this?

# 2711. Re: VS-2 and DRU-2 ... availability?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-24 04:41:21 UTC
From: davegarberwej
Topic: 2537  Message: 2711

--- In TS-850_450_690@yahoogroups.com, Phono-Guy <taephono@y...>
wrote:
> Does anyone know where I can pick up a VS-2 and DRU-2
> for my TS850?

Saw the old post and thought I would add that I found one from an OLD (2002) listing on eham.net by doing a search, and including sold items. I found that the sold items in the listing was NOT always the vs-2, but usually the radio it went into, and the owner kept it. Probably had to accept a lower offer, so pulled the vs-2. I dont care but I have one installed now.....

also picked up the cw filter, sp31 speaker and now the vs-2. getting the narrow ssb filter in January ( I hope) and would eventually like the ps-52 supply eventually. but this will come in time.

Dave VE3WEJ/3IE

# 2712. Re: [TS-850_450_690] TS-850 Battery Replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-25 03:29:28 UTC
From: Steve Lutz
Topic: 2710  Message: 2712

ARRL publication QST has some information in the January, 2005 edition on page 66

Steve 48047
----- Original Message -----
From: lbooth49
To: TS-850_450_690@yahoogroups.com
Sent: Friday, December 24, 2004 7:57 AM
Subject: [TS-850_450_690] TS-850 Battery Replacement

I recall seeing information on the battery replacement procedure.
Does anyone have a link to this?

THANKS FOR USING TS-850_450_690@...

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a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

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c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2713. Re: [TS-850_450_690] Re: Poorman TCXO TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-24 21:45:30 UTC
From: Ron Meiring
Topic: 2700  Message: 2713

No worries Darren,

The mod is now also on the TS850 page of TK5EP.
http://tk5ep.free.fr/tech/ts850/tcxo/tcxo_g.htm

Thanks
Ron VK6KDD

On Thu, 23 Dec 2004 00:44:49 -0000, aa9yf wrote:
>Thank you for sending along this information. I have been looking
>for
>something like this for some time. I am going to order a couple as
>are other local hams. It sure will be cheaper than buying the SO-2
>for my TS-850 and since no TCXO is available for my FT-847 it solves
>a
>serious problem with that radio for only a few dollars. These will
>also be great for other radio project that come up from time to
time.
>
>Thanks again and Merry Christmas...Darren
>
>
>
>--- In TS-850_450_690@yahoogroups.com, RobertV
<mail2004@m...> wrote:
>>
>>http://www.kuhne-electronic.de/english/special/crystalheater.htm
>>is a direct link to it, and at a cost of under 12euro is excellent.
>>I'm going to order a couple for other projects.
>>
>>Thanks for the info Ron.
>>
>>Rv!
>>
>>
>>
>>At 19/12/2004 11:29, Ron Meiring wrote:
>>
>>
>>>Hi
>>>
>>>For less than 10 US (about 7 euro) you can have a TCXO in your
>>>TS850.
>>>
>>>This mod is based on a percision SMD X-tal heater from Kunhke
>>>electronics.

>>>http://www.kuhne-electronic.de/
>>>
>>>The precision SMD quartz heater from DB6NT Kuhne electronics
>>>works exellent and is now just about installed in every radio I
>>>have.
>>>The heater runs on 40 degrees so you dont need a special X-tal.
>>>Remove the 4 of the 6 screw wich give you acess to the synthesyer
>>>PCB. Desolder the 20mHz reference X-tal and heat shrink the new
>>>heater with a little conductive heat paste on to it.
>>>There is 9v on the synthesyser module avaliable from a 9v voltage
>>>regulator. Big 3 pin regulator use left pin seen from the X-tal
>>>for 9
>>>volt.
>>>I used polystyrene insulation around the X-tal to enhance the
>>>preformance even more.
>>>
>>>The heater looks like a real piece of art, a small circuit board
>>>made
>>>on a special heat conductive substrate with about 20 smd
>>>components
>>>and a small IC on it controll the temp.
>>>
>>>I use the same heater for my transverters on 2m.
>>>On 2m I stay within 20Hz RX and TX with this TCXO.
>>>So on HF the stability should be about 4 Hz when swithing over
>>>between RX and TX 50% duty cycle.
>>>Just on RX only the stabilty should be much better.
>>>
>>>Thanks
>>>Ron VK6KDD
>>
>>Sick of Spam? Visit http://keir.net/k9.html
>
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
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--
No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.298 / Virus Database: 265.6.4 - Release Date: 22/12/2004

# 2714. Re: [TS-850_450_690] TS-850 needs repair...who do you recommend??

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-24 18:47:30 UTC
From: Gary Tuck
Topic: 2709  Message: 2714

Ron, Bill K0ZL (http://www.amateur-repairs.com/) has my 850 right now.
He has a good rep from reading eHam.net and is active on the yahoo
list, offering assistance and info often. When I wrote him, he
mentioned another shop as well. You might send him an email.

Gary W7TEA

On Dec 23, 2004, at 8:55 PM, lucysbranch wrote:

>
>
> Hello:
>
> I have an 850 that needs some repair. Who would be the best service
> center to send it to??
>
> Tnx es 73 de W4RDB
> Ron
>
>
>
>
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>
>
> THANKS FOR USING TS-850_450_690@...
>
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> Service.
>
>

# 2715. Re: [TS-850_450_690] TS-850 Battery Replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-24 14:44:12 UTC
From: k0bx
Topic: 2710  Message: 2715

There is a nice article on this in QST for Janurary 2005.

There are a couple of articles, one with pictures, on my website at:

http://www.qsl.net/k0bx

Good luck

Joe K0BX

lbooth49 wrote:

>I recall seeing information on the battery replacement procedure.
>Does anyone have a link to this?
>
>
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 2716. Re: TS-850 Battery Replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-24 19:02:49 UTC
From: w7tea
Topic: 2710  Message: 2716

There are a few pages on this issue. Here is one;

http://n6tr.jzap.com/850BAT.html

--- In TS-850_450_690@yahoogroups.com, "lbooth49" <n5lb@c...> wrote:
>
> I recall seeing information on the battery replacement procedure.
> Does anyone have a link to this?

# 2717. Re: TS-850 Battery Replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-24 21:20:55 UTC
From: Roy Sakabu
Topic: 2710  Message: 2717

http://n6tr.jzap.com/850BAT.html

73
Roy
AD6ZU

--- In TS-850_450_690@yahoogroups.com, "lbooth49" <n5lb@c...> wrote:
>
> I recall seeing information on the battery replacement procedure.
> Does anyone have a link to this?

# 2718. vs-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-24 04:34:14 UTC
From: davegarberwej
Topic: 2718  Message: 2718

Is there any way to adjust the voice volume in the 850s. I just installed one, and the operators manual make no mention directly. is it perhaps controls as when you change the beep. or one of the other functions mentioned.

Dave ve3ie/wej

# 2719. TX Audio Modifications, DDS Chips problems?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-25 16:47:02 UTC
From: Sergio Potes
Topic: 2719  Message: 2719

I just adquired a TS-850 is Serial #70...
I will like to know if this serial number is still prone to DDS chip problems.... distorted audio on RX & TX. If so I will like to know if the chips are still available and who is doing this repair?
Concerning audio modification, I read that you can change the transmitter filter and this would improve the tx audio. Does this modification has any adverse effect?
I had another Ts-850 that I sold and just like this radio receiver and cw qsk.
Thank you! Sergio ae4to

# 2720. Re: [TS-850_450_690] TX Audio Modifications, DDS Chips problems?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-25 20:56:34 UTC
From: Bill K0ZL
Topic: 2719  Message: 2720

None of the 850s are "prone" to DDS problems. I have
seen exactly one, in all the years I have been fixing
them. It is quite rare.

The same chip failed in my 450, one reason I was able
to get it cheaply. I have replaced two others. Not a
big deal.

The DDS issues with the 450 and 850 pale in comparison
to the debacle executed in the 440.

bill

--- Sergio Potes <verotex@...> wrote:

>
> I just adquired a TS-850 is Serial #70...
> I will like to know if this serial number is still
> prone to DDS chip
> problems.... distorted audio on RX & TX. If so I
> will like to know
> if the chips are still available and who is doing
> this repair?
> Concerning audio modification, I read that you can
> change the
> transmitter filter and this would improve the tx
> audio. Does this
> modification has any adverse effect?
> I had another Ts-850 that I sold and just like this
> radio receiver
> and cw qsk.
> Thank you! Sergio ae4to
>
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

Need a tech? See our website www.amateur-repairs.com

---------------------------------
Do you Yahoo!?
Yahoo! Mail - Helps protect you from nasty viruses.

http://promotions.yahoo.com/new_mail

# 2721. Re: TX Audio Modifications, DDS Chips problems?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-26 04:00:01 UTC
From: Max
Topic: 2719  Message: 2721

--- In TS-850_450_690@yahoogroups.com, "Sergio Potes" <verotex@a...>
wrote:
> Concerning audio modification, I read that you can change the
> transmitter filter and this would improve the tx audio. Does this
> modification has any adverse effect?
> I had another Ts-850 that I sold and just like this radio receiver
> and cw qsk.
> Thank you! Sergio ae4to

Sergio,

I have setup many 850's with external audio processing gear. My last unit I did all the audio mods to it and it sounded really sweet on transmit and recieve. Makes me wonder why I got rid of it. As far as changing the filters, you can set the 850 to transmit through the filters right out of the box. It will transmit 6 khz wide without any additional filters but this is too wide for SSB. Pick up a 4 khz AM filter and drop it in and use it. I think the 850 sounds just fine stock with a good mic and EQ setup.

Max

# 2722. Re: TX Audio Modifications, DDS Chips problems?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-27 00:40:48 UTC
From: Sergio Potes
Topic: 2719  Message: 2722

--- In TS-850_450_690@yahoogroups.com, "Max" <ve3tmt@y...> wrote:

> Max: Thanks for your comments: I think you have a great idea with
a 4 KC filter that should improve tha audio and make an excellent
swl fiter too.
This is my second ts-850 and I will like to do some of the
modificatins and see how I can keep it in top shape. I think it
still has one of the best receiver in the market and has excellent
qsk.
Happy New Year! ae4to Sergio

>> I have setup many 850's with external audio processing gear. My
last
> unit I did all the audio mods to it and it sounded really sweet on
> transmit and recieve. Makes me wonder why I got rid of it. As
far as
> changing the filters, you can set the 850 to transmit through the
> filters right out of the box. It will transmit 6 khz wide without
any
> additional filters but this is too wide for SSB. Pick up a 4 khz
AM
> filter and drop it in and use it. I think the 850 sounds just fine
> stock with a good mic and EQ setup.
>
> Max

# 2723. PIN diode modification...is it worth it?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-27 03:40:41 UTC
From: aa9yf
Topic: 2723  Message: 2723

Subject says it all. Is doing the PIN diode modification worth it?
There was someone on the list who was selling the diodes for $6 or $7
for all thirteen of them. Anyone know who that was? I also have one
last question...can the roofing filter on the TS-850 be chnged out for
something a little tighter thus improving performance?

Thanks and Happy New Year,

Darren

# 2724. Re: vs-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-27 07:57:23 UTC
From: rick54045
Topic: 2718  Message: 2724

Turn the VS-2 over on it's bottom. Position it so the notch for the electrolitic capacitor id facing you. On the left side, towards the center is a small surface mount potentiometer. That's the volume adjustment for the VS-2. Use a PLASTIC bladed tool and adjust for maximum volume. Use caution, there are no stops as it will rotate 360 degrees.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, "davegarberwej" <ve3wej@c...> wrote:
>
> Is there any way to adjust the voice volume in the 850s. I just
> installed one, and the operators manual make no mention directly.
is
> it perhaps controls as when you change the beep. or one of the
other
> functions mentioned.
>
>
> Dave ve3ie/wej

# 2725. Re: [TS-850_450_690] Re: vs-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-27 13:18:37 UTC
From: ve3wej
Topic: 2718  Message: 2725

Ok thamks, I figured there had be somewhere, but I saw no mention in the manual.

Dave
----- Original Message -----
From: rick54045
To: TS-850_450_690@yahoogroups.com
Sent: Monday, December 27, 2004 2:57 AM
Subject: [TS-850_450_690] Re: vs-2

Turn the VS-2 over on it's bottom. Position it so the notch for the
electrolitic capacitor id facing you. On the left side, towards the
center is a small surface mount potentiometer. That's the volume
adjustment for the VS-2. Use a PLASTIC bladed tool and adjust for
maximum volume. Use caution, there are no stops as it will rotate
360 degrees.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, "davegarberwej" <ve3wej@c...>
wrote:
>
> Is there any way to adjust the voice volume in the 850s. I just
> installed one, and the operators manual make no mention directly.
is
> it perhaps controls as when you change the beep. or one of the
other
> functions mentioned.
>
>
> Dave ve3ie/wej

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[Non-text portions of this message have been removed]

# 2726. Re: TX Audio Modifications, DDS Chips problems?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-27 19:40:51 UTC
From: Karl
Topic: 2719  Message: 2726

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> None of the 850s are "prone" to DDS problems. I have
> seen exactly one, in all the years I have been fixing
> them. It is quite rare.

Hi folks, hope you all have had a nice Xmas. Saw this statement from you, Bill about the DDS problems. I checked around a bit, among others N6TR (http://n6tr.jzap.com/850repair.html) when my '850 failed me (after 5 days ownership!) and found out that certain series had problems with the DDS's. I opened mine, and on contacting the previous owner, discovered that it had failed twice in his time - three DDS's changed on two occations, and the fourth DDS I had to change - all of the old YM6631 chips are now changed for the newer YM66312 chips. But mine is in the 30 mil series, and as far as I was able to find out, right in the eye for trouble. But it wasn't such a big deal, after all there could be much worse things happening to it! Battery leaks, lightning a.s.o.

And now it plays like new, as stable as a rock. Love it.

Karl LA1CU

# 2727. Thank you

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-28 14:16:34 UTC
From: Rtnmi
Topic: 2727  Message: 2727

Thank you for accepting me as part of your group, I will look forward to talking with you all.

BOB
KE5CTY
http://www.qsl.net/ke5cty

# 2728. Re: vs-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-29 08:46:17 UTC
From: rick54045
Topic: 2718  Message: 2728

Hello Dave!

Even after adjusting the potentiometer, I found the volume to be lower than what I would like. I tried different values of R13, the 1K Ohm surface mount resistor, in an attempt to increase the volume but without success. I might try to build a small op amp based audio amplifier and mount it between R13 and C11.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, "ve3wej" <ve3wej@c...> wrote:
> Ok thamks, I figured there had be somewhere, but I saw no mention in the manual.
>
>
> Dave
> ----- Original Message -----
> From: rick54045
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, December 27, 2004 2:57 AM
> Subject: [TS-850_450_690] Re: vs-2
>
>
>
> Turn the VS-2 over on it's bottom. Position it so the notch for the
> electrolitic capacitor id facing you. On the left side, towards the
> center is a small surface mount potentiometer. That's the volume
> adjustment for the VS-2. Use a PLASTIC bladed tool and adjust for
> maximum volume. Use caution, there are no stops as it will rotate
> 360 degrees.
>
>
> Eric N7DLV
>
> --- In TS-850_450_690@yahoogroups.com, "davegarberwej" <ve3wej@c...>
> wrote:
> >
> > Is there any way to adjust the voice volume in the 850s. I just
> > installed one, and the operators manual make no mention directly.
> is

> > it perhaps controls as when you change the beep. or one of the
> other
> > functions mentioned.
> >
> >
> > Dave ve3ie/wej
>
>
>
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>
> [Non-text portions of this message have been removed]

# 2729. Boards for TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2004-12-31 06:14:46 UTC
From: Steve Beveridge
Topic: 2729  Message: 2729

As a 'new guy on the blocks', I'm looking for some spares for the 850. I'm trying to resuscitate an 850 which has been seriously burnt by lightning - through a separate PS. It was regarded as not 'commercially repairable'. Think I can see why.

The display and CPU seem OK, (got the skinny DC board operational) however several earth tracks on the IF board were blown and a number (most?) of the SMD digital transistors (the DTCs and DTAs) plus 2SC's (particularly at the back of the board) look like little carbon blocks! RF board has some problems, but IF looks particularly unhealthy. UPC2002 (IC6) on IF board was punched through. Electros further down the board also blown.

On a positive note, the VCO's also seem OK.

The OP transistors seem stuffed also - but first things first.

So, is it possible to get hold of an IF board? - any boards? Populated preferably.

After reading all the positive comments about the 850, I figure it is worth the effort - but it will be a slow process.

Help would be most appreciated.

Regards,
Steve
VK2XWL

[Non-text portions of this message have been removed]

# 2730. Looking to buy a TS 850...non smoker

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-02 21:00:15 UTC
From: ft920yaesu1997
Topic: 2730  Message: 2730

Looking to buy a TS 850...non smoker
Selling my TS 570DG

Would like a filter or two in it but not nessessary
Kinda scared to get one off ebay
Anyone got an excellent one for sale??
Thanks

# 2731. Re: [TS-850_450_690] Looking to buy a TS 850...non smoker

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-02 23:51:30 UTC
From: sjdradio
Topic: 2730  Message: 2731

...check out QRZ about 5 or 6 days ago for an 850 and dsp100 for sale among other ham gear items.

----- Original Message -----
From: "ft920yaesu1997" <ft920yaesu1997@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, January 02, 2005 1:00 PM
Subject: [TS-850_450_690] Looking to buy a TS 850...non smoker

> 
> 
> Looking to buy a TS 850...non smoker
> Selling my TS 570DG
> 
> Would like a filter or two in it but not nessessary
> Kinda scared to get one off ebay
> Anyone got an excellent one for sale??
> Thanks
> 
> 
> 
> 
> 
> 
> 
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 2732. TS-450 Mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-03 09:53:51 UTC
From: Lane Giard
Topic: 2685  Message: 2732

I see that if I get rid of #D-27 diode I will get General coverage.
My question is what are the freqs with general coverage.
Thanks

# 2733. Re: TS-450 Mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-03 12:25:16 UTC
From: rick54045
Topic: 2685  Message: 2733

This modification allows general coverage transmit and is required for the new 60 meter amatuer band. For information about this modification, go to http://www.mods.dk/view.php?ArticleId=726 . For more information about the 60 meter band and it's channels, go to http://www.arrl.org/news/stories/2003/06/03/1 . There you will find the amatuer channels for 60 meters that you will want to program into the memeory channels.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, "Lane Giard" <n7zxp@c...> wrote:
>
> I see that if I get rid of #D-27 diode I will get General coverage.
> My question is what are the freqs with general coverage.
> Thanks

# 2734. Re: [TS-850_450_690] Looking to buy a TS 850...non smoker

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-03 15:25:30 UTC
From: Bob Snelgrove
Topic: 2730  Message: 2734

Where do you live? I have a mint 850at that I might consider selling.

bob

----- Original Message -----
From: "sjdradio" <sjdradio@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, January 02, 2005 3:51 PM
Subject: Re: [TS-850_450_690] Looking to buy a TS 850...non smoker

>
> ...check out QRZ about 5 or 6 days ago for an 850 and dsp100 for sale
among
> other ham gear items.
>
>
> ----- Original Message -----
> From: "ft920yaesu1997" <ft920yaesu1997@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Sunday, January 02, 2005 1:00 PM
> Subject: [TS-850_450_690] Looking to buy a TS 850...non smoker
>
>
> > >
> > >
> > > Looking to buy a TS 850...non smoker
> > > Selling my TS 570DG
> > >
> > > Would like a filter or two in it but not nessessary
> > > Kinda scared to get one off ebay
> > > Anyone got an excellent one for sale??
> > > Thanks
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> > > THANKS FOR USING TS-850_450_690@...
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> Yahoo! Groups Links
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# 2735. DSP-100 on Ebay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-03 20:55:41 UTC
From: evilkalla
Topic: 2735  Message: 2735

I decided to put my DSP-100 on ebay. It is a 220V model that I bought from Karl (LA1CU), I never have used it very much so hopefully someone else will put it to good use. A 110-220V converter is included in the auction.

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&rd=1&item=5741836325

Walton C. Gibson
K4LLA

# 2736. Re: Looking to buy a TS 850...non smoker

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-03 21:57:48 UTC
From: ft920yaesu1997
Topic: 2730  Message: 2736

Ft Walton Beach Florida
Whats the price on yours??
Is it a Non Smoker?

Thanks

--- In TS-850_450_690@yahoogroups.com, "Bob Snelgrove" <bob@m...>
wrote:
> Where do you live? I have a mint 850at that I might consider
selling.
>
> bob
>
>
> ----- Original Message -----
> From: "sjdradio" <sjdradio@c...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Sunday, January 02, 2005 3:51 PM
> Subject: Re: [TS-850_450_690] Looking to buy a TS 850...non smoker
>
>
> > ...check out QRZ about 5 or 6 days ago for an 850 and dsp100 for
sale
> among
> > other ham gear items.
> >
> >
> > ----- Original Message -----
> > From: "ft920yaesu1997" <ft920yaesu1997@y...>
> > To: <TS-850_450_690@yahoogroups.com>
> > Sent: Sunday, January 02, 2005 1:00 PM
> > Subject: [TS-850_450_690] Looking to buy a TS 850...non smoker
> >
> >
> > >
> > >
> > > Looking to buy a TS 850...non smoker
> > > Selling my TS 570DG
> > >
> > > Would like a filter or two in it but not nessessary
> > > Kinda scared to get one off ebay
> > > Anyone got an excellent one for sale??
> > > Thanks
> > >

> > >
> > >
> > >
> > >
> > >
> > > THANKS FOR USING TS-850_450_690@Y...
> > > Yahoo! Groups Links
> > >
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> > THANKS FOR USING TS-850_450_690@Y...
> > Yahoo! Groups Links
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# 2737. Re: [TS-850_450_690] TS-450 Mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-04 13:28:08 UTC
From: Bill K0ZL
Topic: 2685  Message: 2737

1.8 to 30mhz plus a bit I think

b

--- Lane Giard <n7zxp@...> wrote:

>
> I see that if I get rid of #D-27 diode I will get
> General coverage.
> My question is what are the freqs with general
> coverage.
> Thanks
>
>
>
>

=====

"If in doubt, MODIFY" --k0zl

Need a tech? See our website www.amateur-repairs.com

---------------------------------
Do you Yahoo!?
Send holiday email and support a worthy cause. Do good.
http://celebrity.mail.yahoo.com

# 2738. ACC2 connector

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-12 16:20:20 UTC
From: Russell Blair
Topic: 2738  Message: 2738

Hi, I'm new to this group the name is Russell and the
call is WT7D, I have a TS-450 and I need a ACC2 (DIN
13 pin PN-E07-1351-05) to get the rig on RTTY. If any
one knows where I can get one please let me know.

73 Russell (WT7D)

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 2739. Re: [TS-850_450_690] ACC2 connector

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-12 16:47:23 UTC
From: ve3wej
Topic: 2738  Message: 2739

available at most ham stores. just depends on your willingness to spend shipping charge. connectors are only around 4 - 8 dollars. even seen them on "ebay" of all places.

----- Original Message -----
From: Russell Blair
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, January 12, 2005 11:20 AM
Subject: [TS-850_450_690] ACC2 connector

Hi, I'm new to this group the name is Russell and the call is WT7D, I have a TS-450 and I need a ACC2 (DIN 13 pin PN-E07-1351-05) to get the rig on RTTY. If any one knows where I can get one please let me know.

73 Russell (WT7D)

---
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2740. Re: [TS-850_450_690] ACC2 connector

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-12 17:01:12 UTC
From: Russell Blair
Topic: 2738  Message: 2740

OK, Thanks I'll look around ebay.

Russell
--- ve3wej <ve3wej@...> wrote:

> available at most ham stores. just depends on your
> willingness to spend shipping charge. connectors are
> only around 4 - 8 dollars. even seen them on "ebay"
> of all places.
> ----- Original Message -----
> From: Russell Blair
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, January 12, 2005 11:20 AM
> Subject: [TS-850_450_690] ACC2 connector
>
>
> Hi, I'm new to this group the name is Russell and
> the
> call is WT7D, I have a TS-450 and I need a ACC2
> (DIN
> 13 pin PN-E07-1351-05) to get the rig on RTTY. If
> any
> one knows where I can get one please let me know.
>
> 73 Russell (WT7D)
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
> protection around
> http://mail.yahoo.com
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
>
---
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an

> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

_____
Do you Yahoo!?
Yahoo! Mail - now with 250MB free storage. Learn more.
http://info.mail.yahoo.com/mail_250

# 2741. Re: [TS-850_450_690] ACC2 connector

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-12 17:32:15 UTC
From: neth
Topic: 2738  Message: 2741

At www.packetradio.com Buck sells them with cable attached (one end with stripped leads, other with 13pin din). He also sells the connectors alone. All pricing is online and shipping is reasonable (at least for me..cheaper to ship from US than to get here in Canada).
Subject: Re: [TS-850_450_690] ACC2 connector

OK, Thanks I'll look around ebay.

Russell
--- ve3wej <ve3wej@...> wrote:

> available at most ham stores. just depends on your
> willingness to spend shipping charge. connectors are
> only around 4 - 8 dollars. even seen them on "ebay"
> of all places.
> ----- Original Message -----
> From: Russell Blair
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, January 12, 2005 11:20 AM
> Subject: [TS-850_450_690] ACC2 connector
>
>
> Hi, I'm new to this group the name is Russell and
> the
> call is WT7D, I have a TS-450 and I need a ACC2
> (DIN
> 13 pin PN-E07-1351-05) to get the rig on RTTY. If
> any
> one knows where I can get one please let me know.
>
> 73 Russell (WT7D)
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
> protection around
> http://mail.yahoo.com
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
>
---
> Yahoo! Groups Links

>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an
> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

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Do you Yahoo!?
Yahoo! Mail - now with 250MB free storage. Learn more.
http://info.mail.yahoo.com/mail_250

THANKS FOR USING TS-850_450_690@...

Yahoo! Groups Sponsor
ADVERTISEMENT

---

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2742. Re: [TS-850_450_690] ACC2 connector

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-12 18:22:15 UTC
From: Russell Blair
Topic: 2738  Message: 2742

Thanks Neth, I'l go up it up

Russell
--- neth <neth@...> wrote:

>
> At www.packetradio.com Buck sells them with cable
> attached (one end with stripped leads, other with
> 13pin din). He also sells the connectors alone.
> All pricing is online and shipping is reasonable (at
> least for me..cheaper to ship from US than to get
> here in Canada).
> Subject: Re: [TS-850_450_690] ACC2 connector
>
>
> OK, Thanks I'll look around ebay.
>
> Russell
> --- ve3wej <ve3wej@...> wrote:
>
> > available at most ham stores. just depends on
> your
> > willingness to spend shipping charge. connectors
> are
> > only around 4 - 8 dollars. even seen them on
> "ebay"
> > of all places.
> > ----- Original Message -----
> > From: Russell Blair
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Wednesday, January 12, 2005 11:20 AM
> > Subject: [TS-850_450_690] ACC2 connector
> >
> >
> > Hi, I'm new to this group the name is Russell
> and
> > the
> > call is WT7D, I have a TS-450 and I need a
> ACC2
> > (DIN
> > 13 pin PN-E07-1351-05) to get the rig on RTTY.
> If
> > any
> > one knows where I can get one please let me
> know.

> >
> > 73 Russell (WT7D)
> >
> >
> _____________________________________________
> > Do You Yahoo!?
> > Tired of spam? Yahoo! Mail has the best spam
> > protection around
> > http://mail.yahoo.com
> >
> >
> > THANKS FOR USING
> TS-850_450_690@...
> >
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>
---
> > Yahoo! Groups Links
> >
> > a.. To visit your group on the web, go to:
> >
> http://groups.yahoo.com/group/TS-850_450_690/
> >
> > b.. To unsubscribe from this group, send an
> > email to:
> > TS-850_450_690-unsubscribe@yahoogroups.com
> >
> > c.. Your use of Yahoo! Groups is subject to
> the
> > Yahoo! Terms of Service.
> >
> >
> >
> > [Non-text portions of this message have been
> > removed]
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>
> _____________________________________
> Do you Yahoo!?
> Yahoo! Mail - now with 250MB free storage. Learn
> more.
> http://info.mail.yahoo.com/mail_250
>

>
> THANKS FOR USING TS-850_450_690@...
>
>
> Yahoo! Groups Sponsor
> ADVERTISEMENT
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---
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an
> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
>
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>
> [Non-text portions of this message have been
> removed]
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>

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Do you Yahoo!?
Yahoo! Mail - You care about security. So do we.
http://promotions.yahoo.com/new_mail

# 2743. List of Mods for the TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-14 15:40:03 UTC
From: Russell Blair
Topic: 2743  Message: 2743

Is thier a site where I can find a list of Mods for
the 450, I see we can use some of the 60m band, or
maybe some one can tell if I can put a jumper so I can
get on 60m.

Thanks Russell (WT7D)

_________________________________
Do you Yahoo!?
Yahoo! Mail - You care about security. So do we.
http://promotions.yahoo.com/new_mail

# 2744. Re: [TS-850_450_690] List of Mods for the TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-14 16:17:11 UTC
From: n7ioh
Topic: 2743  Message: 2744

Russell, book mark this site for future use. You can find many of
the mods for many of the different radio and other ham gear here. Also,
owners manuals, some repair manuals, and photos.
http://www.mods.dk/ I did the out of band mod to my TS-690 years ago
and it was very easy to do and worked without any problems.

Here is a link to ARRL about operating on 60 meters.
http://www.arrl.org/FandES/field/regulations/faq-60.html It is very
easy to get on 60 meters and a lot of fun. I hope this info helps you
and answers all your questions.

Al, N7IOH

Russell Blair wrote:

>Is thier a site where I can find a list of Mods for
>the 450, I see we can use some of the 60m band, or
>maybe some one can tell if I can put a jumper so I can
>get on 60m.
>
>Thanks Russell (WT7D)
>
>
>
>
>_________________________________
>Do you Yahoo!?
>Yahoo! Mail - You care about security. So do we.
>http://promotions.yahoo.com/new_mail
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 2745. Re: [TS-850_450_690] List of Mods for the TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-14 16:44:13 UTC
From: Russell Blair
Topic: 2743  Message: 2745

Thanks, Al I will do that

Russell
--- n7ioh <n7ioh@...> wrote:

> Russell, book mark this site for future use.
> You can find many of
> the mods for many of the different radio and other
> ham gear here. Also,
> owners manuals, some repair manuals, and photos.
> http://www.mods.dk/ I did the out of band mod to
> my TS-690 years ago
> and it was very easy to do and worked without any
> problems.
>
> Here is a link to ARRL about operating on 60
> meters.
>
http://www.arrl.org/FandES/field/regulations/faq-60.html
> It is very
> easy to get on 60 meters and a lot of fun. I hope
> this info helps you
> and answers all your questions.
>
> Al, N7IOH
>
>
> Russell Blair wrote:
>
> >Is thier a site where I can find a list of Mods for
> >the 450, I see we can use some of the 60m band, or
> >maybe some one can tell if I can put a jumper so I
> can
> >get on 60m.
> >
> >Thanks Russell (WT7D)
> >
> >
> >
> >
> >_________________________________
> >Do you Yahoo!?
> >Yahoo! Mail - You care about security. So do we.
> >http://promotions.yahoo.com/new_mail
> >

> >
> >THANKS FOR USING TS-850_450_690@...
> >Yahoo! Groups Links
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Do you Yahoo!?
Yahoo! Mail - You care about security. So do we.
http://promotions.yahoo.com/new_mail

# 2746. Re: [TS-850_450_690] List of Mods for the TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-14 16:54:10 UTC
From: Bill K0ZL
Topic: 2743  Message: 2746

Russ, I also sent you invite to the 60M group;
frequency lists, antenna plans etc. there.

have fun! I am qrv from Denver on 5330.5 when I am in
the shack, usually

bill K0ZL

--- Russell Blair <russell_blair86@...> wrote:

> Thanks, Al I will do that
>
> Russell
> --- n7ioh <n7ioh@...> wrote:
>
> > Russell, book mark this site for future use.
> > You can find many of
> > the mods for many of the different radio and other
> > ham gear here. Also,
> > owners manuals, some repair manuals, and photos.
>
> > http://www.mods.dk/ I did the out of band mod to
> > my TS-690 years ago
> > and it was very easy to do and worked without any
> > problems.
> >
> > Here is a link to ARRL about operating on 60
> > meters.
> >
>
http://www.arrl.org/FandES/field/regulations/faq-60.html
> > It is very
> > easy to get on 60 meters and a lot of fun. I hope
> > this info helps you
> > and answers all your questions.
> >
> > Al, N7IOH
> >
> >
> > Russell Blair wrote:
> >
> > >Is thier a site where I can find a list of Mods
> for
> > >the 450, I see we can use some of the 60m band,
> or
> > >maybe some one can tell if I can put a jumper so

> I
> > can
> > >get on 60m.
> > >
> > >Thanks Russell (WT7D)
> > >
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> > >
> > >_____________________________
> > >Do you Yahoo!?
> > >Yahoo! Mail - You care about security. So do we.
> > >http://promotions.yahoo.com/new_mail
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> > >THANKS FOR USING TS-850_450_690@...
> > >Yahoo! Groups Links
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> _____________________________
> Do you Yahoo!?
> Yahoo! Mail - You care about security. So do we.
> http://promotions.yahoo.com/new_mail
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

_____________________________
Do you Yahoo!?
Yahoo! Mail - now with 250MB free storage. Learn more.
http://info.mail.yahoo.com/mail_250

# 2747. Re: [TS-850_450_690] List of Mods for the TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-14 17:04:49 UTC
From: Russell Blair
Topic: 2743  Message: 2747

Thanks Bill, need to get the 450 up there first and
then will c u there

Russell WT7D
--- Bill K0ZL <coorsbill@...> wrote:

>
> Russ, I also sent you invite to the 60M group;
> frequency lists, antenna plans etc. there.
>
> have fun! I am qrv from Denver on 5330.5 when I am
> in
> the shack, usually
>
> bill K0ZL
>
> --- Russell Blair <russell_blair86@...> wrote:
>
> > Thanks, Al I will do that
> >
> > Russell
> > --- n7ioh <n7ioh@...> wrote:
> >
> > > Russell, book mark this site for future use.
>
> > > You can find many of
> > > the mods for many of the different radio and
> other
> > > ham gear here. Also,
> > > owners manuals, some repair manuals, and photos.
>
> >
> > > http://www.mods.dk/ I did the out of band mod
> to
> > > my TS-690 years ago
> > > and it was very easy to do and worked without
> any
> > > problems.
> > >
> > > Here is a link to ARRL about operating on 60
> > > meters.
> > >
> >
>
http://www.arrl.org/FandES/field/regulations/faq-60.html

> > > It is very
> > > easy to get on 60 meters and a lot of fun. I
> hope
> > > this info helps you
> > > and answers all your questions.
> > >
> > > Al, N7IOH
> > >
> > >
> > > Russell Blair wrote:
> > >
> > > >Is thier a site where I can find a list of Mods
> > for
> > > >the 450, I see we can use some of the 60m band,
> > or
> > > >maybe some one can tell if I can put a jumper
> so
> > I
> > > can
> > > >get on 60m.
> > > >
> > > >Thanks Russell (WT7D)
> > > >
> > > >
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> > > >
> > > >_____
> > > >Do you Yahoo!?
> > > >Yahoo! Mail - You care about security. So do
> we.
> > > >http://promotions.yahoo.com/new_mail
> > > >
> > > >
> > > >THANKS FOR USING TS-850_450_690@...
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> > > >Yahoo! Groups Links
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> > _____
> > Do you Yahoo!?
> > Yahoo! Mail - You care about security. So do we.
> > http://promotions.yahoo.com/new_mail
> >
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> =====
>
> Flinging molten lead WORLDWIDE; putting the 'magic
> smoke' back in resistors...
>
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> _____
> Do you Yahoo!?
> Yahoo! Mail - now with 250MB free storage. Learn
> more.
> http://info.mail.yahoo.com/mail_250
>

_____
Do you Yahoo!?
Yahoo! Mail - Find what you need with new enhanced search.
http://info.mail.yahoo.com/mail_250

# 2748. Re: [TS-850_450_690] List of Mods for the TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-14 18:43:52 UTC
From: Russell Blair
Topic: 2743  Message: 2748

Thanks Bill I'm on board now, look to cu on when I get
the antenna and rig moded.
Thanks Russell (wt7d)
--- Bill K0ZL <coorsbill@...> wrote:

>
> Russ, I also sent you invite to the 60M group;
> frequency lists, antenna plans etc. there.
>
> have fun! I am qrv from Denver on 5330.5 when I am
> in
> the shack, usually
>
> bill K0ZL
>
> --- Russell Blair <russell_blair86@...> wrote:
>
> > Thanks, Al I will do that
> >
> > Russell
> > --- n7ioh <n7ioh@...> wrote:
> >
> > > Russell, book mark this site for future use.
>
> > > You can find many of
> > > the mods for many of the different radio and
> other
> > > ham gear here. Also,
> > > owners manuals, some repair manuals, and photos.
>
> >
> > > http://www.mods.dk/ I did the out of band mod
> to
> > > my TS-690 years ago
> > > and it was very easy to do and worked without
> any
> > > problems.
> > >
> > > Here is a link to ARRL about operating on 60
> > > meters.
> > >
> >
>
http://www.arrl.org/FandES/field/regulations/faq-60.html
> > > It is very

> > > easy to get on 60 meters and a lot of fun. I
> hope
> > > this info helps you
> > > and answers all your questions.
> > >
> > > Al, N7IOH
> > >
> > >
> > > Russell Blair wrote:
> > >
> > > >Is thier a site where I can find a list of Mods
> > for
> > > > >the 450, I see we can use some of the 60m band,
> > or
> > > > >maybe some one can tell if I can put a jumper
> so
> > I
> > > can
> > > > >get on 60m.
> > > > >
> > > > >Thanks Russell (WT7D)
> > > > >
> > > > >
> > > > >
> > > > >
> > > > >_____
> > > > >Do you Yahoo!?
> > > > >Yahoo! Mail - You care about security. So do
> we.
> > > > >http://promotions.yahoo.com/new_mail
> > > > >
> > > > >
> > > > >THANKS FOR USING TS-850_450_690@...
>
> > > > >Yahoo! Groups Links
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> > _____
> > Do you Yahoo!?
> > Yahoo! Mail - You care about security. So do we.
> > http://promotions.yahoo.com/new_mail
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> Flinging molten lead WORLDWIDE; putting the 'magic
> smoke' back in resistors...
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> Do you Yahoo!?
> Yahoo! Mail - now with 250MB free storage. Learn
> more.
> http://info.mail.yahoo.com/mail_250
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Do you Yahoo!?
Yahoo! Mail - You care about security. So do we.
http://promotions.yahoo.com/new_mail

# 2749. adding FSK to 13 pin aux jack on 850 SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-15 00:55:27 UTC
From: nm9p
Topic: 2749  Message: 2749

Has anyone done a mod to the 850 to put FSK keying to the 13 pin AUX jack If so, which pin is easiest to get to? or Which one is the same pin used on the 2000? I haven't even looked at the inside of the jack panel to see if it is possible without standing on my head or cutting off a finger.

I would like to be able to use a single cable to interface for all digital modes.

Any takers?

Ken - NM9P

# 2750. Re: adding FSK to 13 pin aux jack on 850 SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-15 01:18:54 UTC
From: Max
Topic: 2749  Message: 2750

--- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@y...> wrote:
>
>
> Has anyone done a mod to the 850 to put FSK keying to the 13 pin AUX
> jack If so, which pin is easiest to get to? or Which one is the same
> pin used on the 2000? I haven't even looked at the inside of the jack
> panel to see if it is possible without standing on my head or cutting
> off a finger.
>
> I would like to be able to use a single cable to interface for all
> digital modes.
>
> Any takers?
>
> Ken - NM9P

Ken,

Pins 4,8 and 12 are all ground and tied together. They are also on
the outside, making them easier to get at. You could use a continuity
tester and see "its other half" inside the rig. The easiest method
would be to snip the strap going from the inside of the plug to the IF
board or cut the trace, which I think would involve a lot more work.
If you snip the strap, all you would have to do is run a jumper from
the connector side of the strap to the FSK jack.

Max

# 2751. Re: [TS-850_450_690] List of Mods for the TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-15 02:17:26 UTC
From: Bill K0ZL
Topic: 2743  Message: 2751

The mod for the 450 kinda stinks on mods.dk, no pics..
will fix that next time i have mine open

If you need a photo let me know

b

--- Russell Blair <russell_blair86@...> wrote:

> Thanks Bill, need to get the 450 up there first and
> then will c u there
>
> Russell WT7D
> --- Bill K0ZL <coorsbill@...> wrote:
>
> >
> > Russ, I also sent you invite to the 60M group;
> > frequency lists, antenna plans etc. there.
> >
> > have fun! I am qrv from Denver on 5330.5 when I
> am
> > in
> > the shack, usually
> >
> > bill K0ZL
> >
> > --- Russell Blair <russell_blair86@...>
> wrote:
> >
> > > Thanks, Al I will do that
> > >
> > > Russell
> > > --- n7ioh <n7ioh@...> wrote:
> > >
> > > > Russell, book mark this site for future
> use.
> > >
> > > > You can find many of
> > > > the mods for many of the different radio and
> > other
> > > > ham gear here. Also,
> > > > owners manuals, some repair manuals, and
> photos.
> > >
> > >
> > > > http://www.mods.dk/ I did the out of band

> mod
> > to
> > > > my TS-690 years ago
> > > > and it was very easy to do and worked without
> > any
> > > > problems.
> > > > >
> > > > > Here is a link to ARRL about operating on
> 60
> > > > > meters.
> > > > > >
> > > > >
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>
http://www.arrl.org/FandES/field/regulations/faq-60.html
> > > > > It is very
> > > > > easy to get on 60 meters and a lot of fun. I
> > hope
> > > > > this info helps you
> > > > > and answers all your questions.
> > > > > >
> > > > > > Al, N7IOH
> > > > > >
> > > > > >
> > > > > > Russell Blair wrote:
> > > > > >
> > > > > > >Is thier a site where I can find a list of
> Mods
> > > > for
> > > > > > >the 450, I see we can use some of the 60m
> band,
> > > > or
> > > > > > >maybe some one can tell if I can put a jumper
> > so
> > > > I
> > > > > > can
> > > > > > >get on 60m.
> > > > > > > >
> > > > > > > >Thanks Russell (WT7D)
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> > > > > > > >_____
> > > > > > > >Do you Yahoo!?
> > > > > > > >Yahoo! Mail - You care about security. So do
> > we.
> > > > > > > >http://promotions.yahoo.com/new_mail
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> > > > >THANKS FOR USING
> TS-850_450_690@...
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> > > > >Yahoo! Groups Links
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> > > Do you Yahoo!?
> > > Yahoo! Mail - You care about security. So do we.
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> > > http://promotions.yahoo.com/new_mail
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> > Flinging molten lead WORLDWIDE; putting the 'magic
> > smoke' back in resistors...
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> > _____
> > Do you Yahoo!?
> > Yahoo! Mail - now with 250MB free storage. Learn
> > more.
> > http://info.mail.yahoo.com/mail_250
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> Do you Yahoo!?
> Yahoo! Mail - Find what you need with new enhanced
> search.
> http://info.mail.yahoo.com/mail_250
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

_____
Do you Yahoo!?
Meet the all-new My Yahoo! - Try it today!
http://my.yahoo.com

# 2752. Re: [TS-850_450_690] List of Mods for the TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-15 02:19:33 UTC
From: Bill K0ZL
Topic: 2743  Message: 2752

Darn, forgot... I shot these a long time ago! hi hi..
need 'nother 807

bill

--- Russell Blair <russell_blair86@...> wrote:

> Thanks Bill, need to get the 450 up there first and
> then will c u there
>
> Russell WT7D
> --- Bill K0ZL <coorsbill@...> wrote:
>
> >
> > Russ, I also sent you invite to the 60M group;
> > frequency lists, antenna plans etc. there.
> >
> > have fun! I am qrv from Denver on 5330.5 when I
> am
> > in
> > the shack, usually
> >
> > bill K0ZL
> >
> > --- Russell Blair <russell_blair86@...>
> wrote:
> >
> > > Thanks, Al I will do that
> > >
> > > Russell
> > > --- n7ioh <n7ioh@...> wrote:
> > >
> > > > Russell, book mark this site for future
> use.
> > >
> > > > You can find many of
> > > > the mods for many of the different radio and
> > other
> > > > ham gear here. Also,
> > > > owners manuals, some repair manuals, and
> photos.
> > >
> > >
> > > > http://www.mods.dk/ I did the out of band
> mod
> > to

> > > > my TS-690 years ago
> > > > and it was very easy to do and worked without
> > any
> > > > problems.
> > > > >
> > > > Here is a link to ARRL about operating on
> 60
> > > > meters.
> > > > >
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http://www.arrl.org/FandES/field/regulations/faq-60.html
> > > > It is very
> > > > easy to get on 60 meters and a lot of fun. I
> > hope
> > > > this info helps you
> > > > and answers all your questions.
> > > > >
> > > > Al, N7IOH
> > > > >
> > > > >
> > > > Russell Blair wrote:
> > > > >
> > > > >Is thier a site where I can find a list of
> Mods
> > > for
> > > > > >the 450, I see we can use some of the 60m
> band,
> > > or
> > > > > >maybe some one can tell if I can put a jumper
> > so
> > > I
> > > > > can
> > > > > >get on 60m.
> > > > > >
> > > > > >Thanks Russell (WT7D)
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> > > > > >_____
> > > > > >Do you Yahoo!?
> > > > > >Yahoo! Mail - You care about security. So do
> > we.
> > > > > >http://promotions.yahoo.com/new_mail
> > > > > >
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> > > > > >THANKS FOR USING
> TS-850_450_690@...

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> > > > >Yahoo! Groups Links
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> > > Do you Yahoo!?
> > > Yahoo! Mail - You care about security. So do we.
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> > > http://promotions.yahoo.com/new_mail
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> > Flinging molten lead WORLDWIDE; putting the 'magic
> > smoke' back in resistors...
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> > Do you Yahoo!?
> > Yahoo! Mail - now with 250MB free storage. Learn
> > more.
> > http://info.mail.yahoo.com/mail_250
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> Do you Yahoo!?
> Yahoo! Mail - Find what you need with new enhanced
> search.
> http://info.mail.yahoo.com/mail_250
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Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

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Do you Yahoo!?
Take Yahoo! Mail with you! Get it on your mobile phone.
http://mobile.yahoo.com/maildemo

[Non-text portions of this message have been removed]

# 2753. Re: [TS-850_450_690] adding FSK to 13 pin aux jack on 850 SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-15 04:25:37 UTC
From: ve3wej
Topic: 2749  Message: 2753

I use the 13 pin jack here on the 850, but I would have to look at how I am doing it, because I never had to modify anything. If you do not get an answer, let me know and I will investigate how I am keying (for rtty, I assume)

Ve3wej/Ve3ie
Dave Garber
----- Original Message -----
From: nm9p
To: TS-850_450_690@yahoogroups.com
Sent: Friday, January 14, 2005 7:55 PM
Subject: [TS-850_450_690] adding FSK to 13 pin aux jack on 850 SAT?

Has anyone done a mod to the 850 to put FSK keying to the 13 pin AUX jack If so, which pin is easiest to get to? or Which one is the same pin used on the 2000? I haven't even looked at the inside of the jack panel to see if it is possible without standing on my head or cutting off a finger.

I would like to be able to use a single cable to interface for all digital modes.

Any takers?

Ken - NM9P

THANKS FOR USING TS-850_450_690@...

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Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2754. Re: [TS-850_450_690] adding FSK to 13 pin aux jack on 850 SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-15 11:01:03 UTC
From: Johnny Melvin
Topic: 2749  Message: 2754

Hi Ken.
Ok on your wanting to use 1 cable connection.
I have made lots of cables up for the standard AFSK modes.
You can of course use AFSK RTTY into that 13 pin ACC2.
Using say the MMTTY program.

Looking at my 850 manual I see that Pins 7 and 10 have no designated connections.
So I suppose you could LOOP that over inside the rig to the Rtty Phono input
marked RTTY. And feed TTL into there.

I have used AFSK for years into my own 850.

As far as I understand the 2000 has the same pinout on the 13 as the 850.

You could of course come down the cable to the 13 pin with a spare core
have this core loop back out of the shroud on the 13 pin and terminate in
a Phono plug to loop over to the RTTY Input .-

I am sure someone will come out with a better solution that this.

Just one question ...is it FSK that you want to use or just get on RTTY.

de Johnny G3LIV.

www.g3liv.co.uk

---- Original Message -----

From: nm9p
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, January 15, 2005 12:55 AM
Subject: [TS-850_450_690] adding FSK to 13 pin aux jack on 850 SAT?

Has anyone done a mod to the 850 to put FSK keying to the 13 pin AUX
jack If so, which pin is easiest to get to? or Which one is the same
pin used on the 2000? I haven't even looked at the inside of the jack
panel to see if it is possible without standing on my head or cutting
off a finger.

I would like to be able to use a single cable to interface for all
digital modes.

Any takers?

Ken - NM9P

THANKS FOR USING TS-850_450_690@...

---

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2755. Re: [TS-850_450_690] adding FSK to 13 pin aux jack on 850 SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-15 13:23:00 UTC
From: Bill K0ZL
Topic: 2749  Message: 2755

No but I think you are going to be cutting on the PC
board to do this, if there is a spare pin.

bill

--- nm9p <nm9p@...> wrote:

>
>
> Has anyone done a mod to the 850 to put FSK keying
> to the 13 pin AUX
> jack If so, which pin is easiest to get to? or
> Which one is the same
> pin used on the 2000? I haven't even looked at the
> inside of the jack
> panel to see if it is possible without standing on
> my head or cutting
> off a finger.
>
> I would like to be able to use a single cable to
> interface for all
> digital modes.
>
> Any takers?
>
> Ken - NM9P
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Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

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Do you Yahoo!?
All your favorites on one personal page ? Try My Yahoo!
http://my.yahoo.com

# 2756. Re:adding FSK to 13 pin aux jack on 850 SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-15 19:51:08 UTC
From: bud thompson
Topic: 2749  Message: 2756

Message: 1
Date: Sat, 15 Jan 2005 00:55:27 -0000
From: "nm9p" <nm9p@...>
Subject: adding FSK to 13 pin aux jack on 850 SAT?

Has anyone done a mod to the 850 to put FSK keying to the 13 pin AUX jack If so, which pin is easiest to get to? or Which one is the same pin used on the 2000? I haven't even looked at the inside of the jack panel to see if it is possible without standing on my head or cutting off a finger.

I would like to be able to use a single cable to interface for all digital modes.

Any takers?

Ken - NM9P

* * *

Ken-

Here is from Buck Rogers' pages for Kenwood 850

http://www.packetradio.com/cgi-bin/shopper.exe?preadd=action&key=PKT_KHK13R850

Here is from Buck Rogers' pages for 'late Kenwood 440, 2000, etc'

http://www.packetradio.com/cgi-bin/shopper.exe?preadd=action&key=PKT_5DKW13

Looks like the 13-pin pin out is the same.

I've used this pin out on my Kenwood TS 850S for more than a decade with KAM, PK232, SCS PTC-II

bud N0IA

# 2757. Re:Re:adding FSK to 13 pin aux jack on 850 SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-16 19:30:29 UTC
From: bud thompson
Topic: 2749  Message: 2757

Ken-

Looks like I did not read your original post carefully. You want to modify the 850 so you can FSK using the ACC2 connector. I have not done that.

Looks like pins 1,2, and 10 are N/C on the 850 and would be candidates. I don't have the actual pin out for the TS 2000, so don't know if it might have the same pins available.

Here is how Buck Rogers did it using pin 2.

http://www.packetradio.com/cgi-bin/shopper.exe?preadd=action&key=PKT_A232KW13RY

and

http://www.packetradio.com/cgi-bin/shopper.exe?preadd=action&key=PKT_5DA900RY

Sorry for the mix up.

bud N0IA

----- Original Message -----
From: <TS-850_450_690@yahoogroups.com>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, January 16, 2005 13:43
Subject: [TS-850_450_690] Digest Number 687

>
> There is 1 message in this issue.
>
> Topics in this digest:
>
> 1. Re:adding FSK to 13 pin aux jack on 850 SAT?
> From: "bud thompson" <budt@...>
>
>
> _____
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>
> Message: 1
> Date: Sat, 15 Jan 2005 14:51:08 -0500
> From: "bud thompson" <budt@...>
> Subject: Re:adding FSK to 13 pin aux jack on 850 SAT?
>
> Message: 1
> Date: Sat, 15 Jan 2005 00:55:27 -0000
> From: "nm9p" <nm9p@...>

> Subject: adding FSK to 13 pin aux jack on 850 SAT?
>
> Has anyone done a mod to the 850 to put FSK keying to the 13 pin AUX
> jack If so, which pin is easiest to get to? or Which one is the same
> pin used on the 2000? I haven't even looked at the inside of the jack
> panel to see if it is possible without standing on my head or cutting
> off a finger.
>
> I would like to be able to use a single cable to interface for all
> digital modes.
>
> Any takers?
>
> Ken - NM9P
>
> * * *
>
> Ken-
>
> Here is from Buck Rogers' pages for Kenwood 850
>
> http://www.packetradio.com/cgi-bin/shopper.exe?preadd=action&key=PKT_KHK13R850
>
> Here is from Buck Rogers' pages for 'late Kenwood 440, 2000, etc'
>
> http://www.packetradio.com/cgi-bin/shopper.exe?preadd=action&key=PKT_5DKW13
>
>
> Looks like the 13-pin pin out is the same.
>
> I've used this pin out on my Kenwood TS 850S for more than a decade with
> KAM, PK232, SCS PTC-II
>
> bud N0IA
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> THANKS FOR USING TS-850_450_690@...
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> Yahoo! Groups Links
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# 2758. Re: adding FSK to 13 pin aux jack on 850 SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-16 21:22:02 UTC
From: nm9p
Topic: 2749  Message: 2758

Hello and thanks for responding.

I am looking for the hard keyed FSK. I already have interface wiring for AFSK, but want to go with FSK so I can use the filtering in the rig more effectively.

I am in process of building a single interface to switch the sound interface between two different rigs......AND switch mikes and speakers of different kinds, too. All in the same box. Aggressive plans, and it will take a while to finish.

73 de Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, "Johnny Melvin" <johnny@m...> wrote:
> Hi Ken.
> Ok on your wanting to use 1 cable connection.
> I have made lots of cables up for the standard AFSK modes.
> You can of course use AFSK RTTY into that 13 pin ACC2.
> Using say the MMTTY program.
>
> Looking at my 850 manual I see that Pins 7 and 10 have no designated connections.
> So I suppose you could LOOP that over inside the rig to the Rtty Phono input
> marked RTTY. And feed TTL into there.
>
> I have used AFSK for years into my own 850.
>
> As far as I understand the 2000 has the same pinout on the 13 as the 850.
>
> You could of course come down the cable to the 13 pin with a spare core
> have this core loop back out of the shroud on the 13 pin and terminate in
> a Phono plug to loop over to the RTTY Input .-
>
> I am sure someone will come out with a better solution that this.
>
> Just one question ...is it FSK that you want to use or just get on RTTY.
>
> de Johnny G3LIV.
>
> www.g3liv.co.uk
>

>
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>
>
> ---- Original Message -----
>
>
> From: nm9p
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, January 15, 2005 12:55 AM
> Subject: [TS-850_450_690] adding FSK to 13 pin aux jack on 850 SAT?
>
>
>
>
> Has anyone done a mod to the 850 to put FSK keying to the 13 pin AUX
> jack If so, which pin is easiest to get to? or Which one is the same
> pin used on the 2000? I haven't even looked at the inside of the jack
> panel to see if it is possible without standing on my head or cutting
> off a finger.
>
> I would like to be able to use a single cable to interface for all
> digital modes.
>
> Any takers?
>
> Ken - NM9P
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> THANKS FOR USING TS-850_450_690@Y...
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> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com

>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
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> [Non-text portions of this message have been removed]

# 2759. Re:Re:adding FSK to 13 pin aux jack on 850 SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-16 21:15:09 UTC
From: nm9p
Topic: 2749  Message: 2759

Thanks for your response. (And for everyone else, too.)

This is helpful....Looks like the 2000 uses pin # 2 for FSK keying logic....I knew there were three pins with no connection. Perhaps I will be able to use this one.

Now I have to find out how to get access to that pin. Bill suggested that I may need to cut circuit traces. I hope not. I will take a look next time I unbutton it.

Thanks a lot everyone!

Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, "bud thompson" <budt@c...> wrote:
> Ken-
>
> Looks like I did not read your original post carefully....

...You want to > Here is how Buck Rogers did it using pin 2.
>
http://www.packetradio.com/cgi-bin/shopper.exe?preadd=action&key=PKT_A232KW13RY
>
> and
>
http://www.packetradio.com/cgi-bin/shopper.exe?preadd=action&key=PKT_5DA900RY

>

# 2760. TS-850s Service Manual Downloadable Now

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-17 01:10:10 UTC
From: Mike Peak
Topic: 2760  Message: 2760

Howdy Ya'll,
I finally got my complete Service Manual for the TS-850s Scanned and uploaded to my FTP Website.
I can be accessed by going to my website, http://www.wz5q.com and clicking on the "Service Manuals" link on the left navigation bar.
I have uploaded 3 files.
One is the Complete Service Manual in ZIP format which is 26Mb.
This has everything.
But, because it was so large, I broke it down into 2 smaller files.
One has the Service Information less the Schenatics which is 10Mb, the other is the Schematics and Circuit Board views which is 16Mb. These 2 files make up the total Service Manual.
There is also Service manuals for the DSP-100, SM-230, and the TS-751a.
I will be adding more in the future.
I did this as there were none to be found on the internet.
Enjoy,
Mike
WZ5Q
From Deep Down in the Dark Dismall Swamps of the Calcaseau
http://www.wz5q.com

# 2761. Re: [TS-850_450_690] TS-850s Service Manual Downloadable Now

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-17 01:21:13 UTC
From: mintaka capella
Topic: 2760  Message: 2761

Manual can also be downloaded from

http://www.qsl.net/dk9ip/850IM/850im.pdf

de9W2TZ - MALAYSIA

--- Mike Peak <wz5q@...> wrote:

>
> Howdy Ya'll,
> I finally got my complete Service Manual for the
> TS-850s Scanned and
> uploaded to my FTP Website.
> I can be accessed by going to my website,
> http://www.wz5q.com and
> clicking on the "Service Manuals" link on the left
> navigation bar.
> I have uploaded 3 files.
> One is the Complete Service Manual in ZIP format
> which is 26Mb.
> This has everything.
> But, because it was so large, I broke it down into 2
> smaller files.
> One has the Service Information less the Schenatics
> which is 10Mb, the
> other is the Schematics and Circuit Board views
> which is 16Mb. These 2
> files make up the total Service Manual.
> There is also Service manuals for the DSP-100,
> SM-230, and the TS-751a.
> I will be adding more in the future.
> I did this as there were none to be found on the
> internet.
> Enjoy,
> Mike
> WZ5Q
> From Deep Down in the Dark Dismall Swamps of the
> Calcaseau
> http://www.wz5q.com
>
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---
Do you Yahoo!?
Take Yahoo! Mail with you! Get it on your mobile phone.
http://mobile.yahoo.com/maildemo

# 2762. TS-450SAT Help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-17 01:35:57 UTC
From: Lane Giard
Topic: 2762  Message: 2762

I just got a TS-450SAT. My question is what mods should I do to inprove the radio. What filters should I add. It has nothing added.
Thanks, Lane N7ZXP

# 2763. Re: [TS-850_450_690] TS-850s Service Manual Downloadable Now

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-17 08:36:02 UTC
From: Ron Meiring
Topic: 2760  Message: 2763

Thanks Mike,

Exellent work, just what we needed.

Thanks
Ron VK6KDD

On Mon, 17 Jan 2005 01:10:10 -0000, Mike Peak wrote:
>Howdy Ya'll,
>I finally got my complete Service Manual for the TS-850s Scanned and
>uploaded to my FTP Website.
>I can be accessed by going to my website, http://www.wz5q.com and
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>I did this as there were none to be found on the internet.
>Enjoy,
>Mike
>WZ5Q
>>From Deep Down in the Dark Dismall Swamps of the Calcaseau
>http://www.wz5q.com
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>
>THANKS FOR USING TS-850_450_690@...
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>
>Yahoo! Groups Links
>
>To visit your group on the web, go to:
>http://groups.yahoo.com/group/TS-850_450_690/
>
>To unsubscribe from this group, send an email to:

>TS-850_450_690-unsubscribe@yahoogroups.com
>
>Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>

--
No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.300 / Virus Database: 265.6.12 - Release Date: 14/01/2005

# 2764. Re: [TS-850_450_690] TS-850s Service Manual Downloadable Now

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-17 09:44:16 UTC
From: Bill K0ZL
Topic: 2760  Message: 2764

Hi Mike,

Mind if I copy these to RUBE?

Bill K0ZL

--- Mike Peak <wz5q@...> wrote:

>
> Howdy Ya'll,
> I finally got my complete Service Manual for the
> TS-850s Scanned and
> uploaded to my FTP Website.
> I can be accessed by going to my website,
> http://www.wz5q.com and
> clicking on the "Service Manuals" link on the left
> navigation bar.
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> which is 16Mb. These 2
> files make up the total Service Manual.
> There is also Service manuals for the DSP-100,
> SM-230, and the TS-751a.
> I will be adding more in the future.
> I did this as there were none to be found on the
> internet.
> Enjoy,
> Mike
> WZ5Q
> From Deep Down in the Dark Dismall Swamps of the
> Calcaseau
> http://www.wz5q.com
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Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

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Do you Yahoo!?
Take Yahoo! Mail with you! Get it on your mobile phone.
http://mobile.yahoo.com/maildemo

# 2765. Re: [TS-850_450_690] TS-850s Service Manual Downloadable Now

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-17 09:47:40 UTC
From: Bill K0ZL
Topic: 2760  Message: 2765

Hi Mike,

Mind if I copy these to RUBE?

Goodness, you have a fast connection! 151kB/sec DL
speed (am using cable here).

Bill K0ZL

--- Mike Peak <wz5q@...> wrote:

>
> Howdy Ya'll,
> I finally got my complete Service Manual for the
> TS-850s Scanned and
> uploaded to my FTP Website.
> I can be accessed by going to my website,
> http://www.wz5q.com and
> clicking on the "Service Manuals" link on the left
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> SM-230, and the TS-751a.
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> I did this as there were none to be found on the
> internet.
> Enjoy,
> Mike
> WZ5Q
> From Deep Down in the Dark Dismall Swamps of the
> Calcaseau
> http://www.wz5q.com
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Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

_____
Do you Yahoo!?
Take Yahoo! Mail with you! Get it on your mobile phone.
http://mobile.yahoo.com/maildemo

# 2766. Re: [TS-850_450_690] TS-850s Service Manual Downloadable Now

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-17 15:03:59 UTC
From: Mike (WZ5Q)
Topic: 2760  Message: 2766

Not a problem Bill.
Anything to further the cause!
Yea...that is a great server.

Mike
WZ5Q
from Deep Down in the Dark Dismall Swamps of the Calcaseau
http://wz5q.com

Bill K0ZL wrote:

>Hi Mike,
>
>Mind if I copy these to RUBE?
>
>Goodness, you have a fast connection! 151kB/sec DL
>speed (am using cable here).
>
>Bill K0ZL
>
>--- Mike Peak <wz5q@...> wrote:
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>
>>Howdy Ya'll,
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>>I can be accessed by going to my website,
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>>SM-230, and the TS-751a.
>>I will be adding more in the future.

>>I did this as there were none to be found on the
>>internet.
>>Enjoy,
>>Mike
>>WZ5Q
>>From Deep Down in the Dark Dismall Swamps of the
>>Calcaseau
>>http://www.wz5q.com
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>Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...
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>_____
>Do you Yahoo!?
>Take Yahoo! Mail with you! Get it on your mobile phone.
>http://mobile.yahoo.com/maildemo
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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No virus found in this outgoing message.

Checked by AVG Anti-Virus.
Version: 7.0.300 / Virus Database: 265.6.13 - Release Date: 1/16/2005

# 2767. Re: [TS-850_450_690] TS-850s Service Manual Downloadable Now

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-17 16:18:41 UTC
From: Bill K0ZL
Topic: 2760  Message: 2767

Mike,

All these scans are bit map files.

As I have time I will convert them to PDF to make one
file; seems to be the way of the world.

Will keep you posted on prgress..

b

--- "Mike (WZ5Q)" <wz5q@...> wrote:

> Not a problem Bill.
> Anything to further the cause!
> Yea...that is a great server.
>
> Mike
> WZ5Q
> from Deep Down in the Dark Dismall Swamps of the
> Calcaseau
> http://wz5q.com
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>
> Bill K0ZL wrote:
>
> >Hi Mike,
> >
> >Mind if I copy these to RUBE?
> >
> >Goodness, you have a fast connection! 151kB/sec DL
> >speed (am using cable here).
> >
> >Bill K0ZL
> >
> >--- Mike Peak <wz5q@...> wrote:
> >
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> >
> >>Howdy Ya'll,
> >>I finally got my complete Service Manual for the
> >>TS-850s Scanned and
> >>uploaded to my FTP Website.
> >>I can be accessed by going to my website,
> >>http://www.wz5q.com and

> >>clicking on the "Service Manuals" link on the left
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> >>I have uploaded 3 files.
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> >>which is 26Mb.
> >>This has everything.
> >>But, because it was so large, I broke it down into
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> >>One has the Service Information less the
> Schenatics
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> >>other is the Schematics and Circuit Board views
> >>which is 16Mb. These 2
> >>files make up the total Service Manual.
> >>There is also Service manuals for the DSP-100,
> >>SM-230, and the TS-751a.
> >>I will be adding more in the future.
> >>I did this as there were none to be found on the
> >>internet.
> >>Enjoy,
> >>Mike
> >>WZ5Q
> >>From Deep Down in the Dark Dismall Swamps of the
> >>Calcaseau
> >>http://www.wz5q.com
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> >Flinging molten lead WORLDWIDE; putting the 'magic
> smoke' back in resistors...
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> >_________________________________
> >Do you Yahoo!?
> >Take Yahoo! Mail with you! Get it on your mobile
> phone.

> >http://mobile.yahoo.com/maildemo
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> >THANKS FOR USING TS-850_450_690@...
> >Yahoo! Groups Links
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> No virus found in this outgoing message.
> Checked by AVG Anti-Virus.
> Version: 7.0.300 / Virus Database: 265.6.13 -
> Release Date: 1/16/2005
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Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

---
Do you Yahoo!?
Yahoo! Mail - now with 250MB free storage. Learn more.
http://info.mail.yahoo.com/mail_250

# 2768. Re: [TS-850_450_690] TS 450 DOWNLOAD MANUAL

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-17 16:41:13 UTC
From: Ronnie Bass
Topic: 2768  Message: 2768

does anybody know were i can down load a manual from for a the ts 450 kenwood i need the manual and service manual thank you i need to download it from the internet please somebody let me know thank you.............

ERNEST T BASS

[Non-text portions of this message have been removed]

# 2769. Re: [TS-850_450_690] TS-850s Service Manual Downloadable Now

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-17 17:48:53 UTC
From: Mike (WZ5Q)
Topic: 2760  Message: 2769

Kewl deal Bill.
I understand completly.
Thats the best format i had to retain the resolution of the Circuit
board views and schematics with good ZIP compression to reduce size. I
dont have the PDF composer.

Mike
WZ5Q
from Deep Down in the Dark Dismall Swamps of the Calcaseau
http://wz5q.com

Bill K0ZL wrote:

>Mike,
>
>All these scans are bit map files.
>
>As I have time I will convert them to PDF to make one
>file; seems to be the way of the world.
>
>Will keep you posted on prgress..
>
>b
>
>--- "Mike (WZ5Q)" <wz5q@...> wrote:
>
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>
>>Not a problem Bill.
>>Anything to further the cause!
>>Yea...that is a great server.
>>
>>Mike
>>WZ5Q
>>from Deep Down in the Dark Dismall Swamps of the
>>Calcaseau
>>http://wz5q.com
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>>
>>Bill K0ZL wrote:
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>>
>>>Hi Mike,
>>>

>>>Mind if I copy these to RUBE?
>>>
>>>Goodness, you have a fast connection! 151kB/sec DL
>>>speed (am using cable here).
>>>
>>>Bill K0ZL
>>>
>>>--- Mike Peak <wz5q@...> wrote:
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>>>>>>Howdy Ya'll,
>>>>>>I finally got my complete Service Manual for the
>>>>>>TS-850s Scanned and
>>>>>>uploaded to my FTP Website.
>>>>>>I can be accessed by going to my website,
>>>>>>http://www.wz5q.com and
>>>>>>clicking on the "Service Manuals" link on the left
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>>>>>>I have uploaded 3 files.
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>>>>>>which is 26Mb.
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>>>>>>But, because it was so large, I broke it down into
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>>>>>>smaller files.
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>>>>Schenatics
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>>>>>>which is 10Mb, the
>>>>>>other is the Schematics and Circuit Board views
>>>>>>which is 16Mb. These 2
>>>>>>files make up the total Service Manual.
>>>>>>There is also Service manuals for the DSP-100,
>>>>>>SM-230, and the TS-751a.
>>>>>>I will be adding more in the future.
>>>>>>I did this as there were none to be found on the
>>>>>>internet.
>>>>>>Enjoy,
>>>>>>Mike
>>>>>>WZ5Q

>>>>
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>>>>From Deep Down in the Dark Dismall Swamps of the
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>>>>Calcaseau
>>>>http://www.wz5q.com
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>>>Flinging molten lead WORLDWIDE; putting the 'magic
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>>smoke' back in resistors...
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>>>_____
>>>Do you Yahoo!?
>>>Take Yahoo! Mail with you! Get it on your mobile
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>>phone.
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>>>http://mobile.yahoo.com/maildemo
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>>>THANKS FOR USING TS-850_450_690@...
>>>Yahoo! Groups Links
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>>No virus found in this outgoing message.
>>Checked by AVG Anti-Virus.
>>Version: 7.0.300 / Virus Database: 265.6.13 -
>>Release Date: 1/16/2005
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>Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...
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>_____
>Do you Yahoo!?
>Yahoo! Mail - now with 250MB free storage. Learn more.
>http://info.mail.yahoo.com/mail_250
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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No virus found in this outgoing message.

Checked by AVG Anti-Virus.
Version: 7.0.300 / Virus Database: 265.6.13 - Release Date: 1/16/2005

# 2770. Re: [TS-850_450_690] TS 450 DOWNLOAD MANUAL

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-17 19:00:57 UTC
From: N7ZXP
Topic: 2768  Message: 2770

Give me your e-mail address and i will send both to you.
Lane N7ZXP
----- Original Message -----
From: Ronnie Bass
To: TS-850_450_690@yahoogroups.com
Sent: Monday, January 17, 2005 8:41 AM
Subject: Re: [TS-850_450_690] TS 450 DOWNLOAD MANUAL

does anybody know were i can down load a manual from for a the ts 450 kenwood i need the manual and service manual thank you i need to download it from the internet please somebody let me know thank you.....

ERNEST T BASS

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2771. Re: [TS-850_450_690] TS 450 DOWNLOAD MANUAL

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-17 19:26:13 UTC
From: Bill K0ZL
Topic: 2768  Message: 2771

I will tell you only if you promise not to throw rocks
through my windows...

bill K0ZL

--- Ronnie Bass <bass_ronnie@...> wrote:

> does anybody know were i can down load a manual from
> for a the ts 450 kenwood i need the manual and
> service manual thank you i need to download it from
> the internet please somebody let me know thank
> you.............
>
>
>
> ERNEST T BASS
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> [Non-text portions of this message have been
> removed]
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=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

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Do you Yahoo!?
The all-new My Yahoo! - What will yours do?
http://my.yahoo.com

# 2772. Re: [TS-850_450_690] TS-850s Service Manual Downloadable Now

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-17 19:32:50 UTC
From: Bill K0ZL
Topic: 2760  Message: 2772

I will work on it. I know there are several versions
of the SM out there; we will distill what we can and
then issue an edict on the best one and shoot the rest
of 'em in the foot, hi!

The 850 is an incredible rig; I enjoy every one that
has been through the shop here.

Just getting back in the saddle after dealing with
cancer; all healed now thanks to God and a good
surgeon. Was sure nice to be able to come out to the
shack and dial up a great radio to play with.

Bill

--- "Mike (WZ5Q)" <wz5q@...> wrote:

> Kewl deal Bill.
> I understand completly.
> Thats the best format i had to retain the resolution
> of the Circuit
> board views and schematics with good ZIP compression
> to reduce size. I
> dont have the PDF composer.
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> Mike
> WZ5Q
> from Deep Down in the Dark Dismall Swamps of the
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> Bill K0ZL wrote:
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> >Mike,
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> >All these scans are bit map files.
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> >As I have time I will convert them to PDF to make
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> >file; seems to be the way of the world.
> >
> >Will keep you posted on prgress..
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> >--- "Mike (WZ5Q)" <wz5q@...> wrote:
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> >>Not a problem Bill.
> >>Anything to further the cause!
> >>Yea...that is a great server.
> >>
> >>Mike
> >>WZ5Q
> >>from Deep Down in the Dark Dismall Swamps of the
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> >>Bill K0ZL wrote:
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> >>
> >>>Hi Mike,
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> >>>Mind if I copy these to RUBE?
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> >>>Goodness, you have a fast connection! 151kB/sec
> DL
> >>>speed (am using cable here).
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> >>>Bill K0ZL
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> >>>--- Mike Peak <wz5q@...> wrote:
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> >>>>Howdy Ya'll,
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> >>>>WZ5Q
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> >>>>From Deep Down in the Dark Dismall Swamps of the
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> >>>>Calcaseau
> >>>>http://www.wz5q.com
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> >>>Flinging molten lead WORLDWIDE; putting the
> 'magic
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> >>>
> >>smoke' back in resistors...
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> >>>Do you Yahoo!?
> >>>Take Yahoo! Mail with you! Get it on your mobile
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> >>phone.
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> >>>http://mobile.yahoo.com/maildemo
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> >>>THANKS FOR USING TS-850_450_690@...
> >>>Yahoo! Groups Links
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> >_____________________________
> >Do you Yahoo!?
> >Yahoo! Mail - now with 250MB free storage. Learn
> more.
> >http://info.mail.yahoo.com/mail_250
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> >THANKS FOR USING TS-850_450_690@...
> >Yahoo! Groups Links
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Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

_____________________________
Do you Yahoo!?
Yahoo! Mail - Easier than ever with enhanced search. Learn more.
http://info.mail.yahoo.com/mail_250

# 2773. Re: For Sale-- 850 w/DSP 100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-17 20:40:41 UTC
From: sjdradio@cox.net
Topic: 2773  Message: 2773

I have a Kenwood 850 with DSP 100 (antenna tuner), mint condition. the radio has tcxo and 2 inrad filter. the DSP 100 has a jenson transformer installed and has mod for XRL connection from microphone...it will provide the best ssb hifi on the bands. i also have a mint Electrovoice Re-20 studio mic. ill sell the whole package for $1800 obo plus s/h in conus.

scott N6RRV sjdradio@...
> From: "Mike (WZ5Q)" <wz5q@...>
> Date: 2005/01/17 Mon AM 10:03:59 EST
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] TS-850s Service Manual Downloadable Now
>
>
> Not a problem Bill.
> Anything to further the cause!
> Yea...that is a great server.
>
> Mike
> WZ5Q
> from Deep Down in the Dark Dismall Swamps of the Calcaseau
> http://wz5q.com
>
>
>
> Bill K0ZL wrote:
>
> >Hi Mike,
> >
> >Mind if I copy these to RUBE?
> >
> >Goodness, you have a fast connection! 151kB/sec DL
> >speed (am using cable here).
> >
> >Bill K0ZL
> >
> >--- Mike Peak <wz5q@...> wrote:
> >
> >
> >
> >>Howdy Ya'll,
> >>I finally got my complete Service Manual for the
> >>TS-850s Scanned and
> >>uploaded to my FTP Website.
> >>I can be accessed by going to my website,
> >>http://www.wz5q.com and

> >>clicking on the "Service Manuals" link on the left
> >>navigation bar.
> >>I have uploaded 3 files.
> >>One is the Complete Service Manual in ZIP format
> >>which is 26Mb.
> >>This has everything.
> >>But, because it was so large, I broke it down into 2
> >>smaller files.
> >>One has the Service Information less the Schenatics
> >>which is 10Mb, the
> >>other is the Schematics and Circuit Board views
> >>which is 16Mb. These 2
> >>files make up the total Service Manual.
> >>There is also Service manuals for the DSP-100,
> >>SM-230, and the TS-751a.
> >>I will be adding more in the future.
> >>I did this as there were none to be found on the
> >>internet.
> >>Enjoy,
> >>Mike
> >>WZ5Q
> >>From Deep Down in the Dark Dismall Swamps of the
> >>Calcaseau
> >>http://www.wz5q.com
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> >Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...
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> >_____________________________________
> >Do you Yahoo!?
> >Take Yahoo! Mail with you! Get it on your mobile phone.
> >http://mobile.yahoo.com/maildemo
> >
> >
> >THANKS FOR USING TS-850_450_690@...

> >Yahoo! Groups Links
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> No virus found in this outgoing message.
> Checked by AVG Anti-Virus.
> Version: 7.0.300 / Virus Database: 265.6.13 - Release Date: 1/16/2005
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 2774. Re: List of Mods for the TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-18 18:28:13 UTC
From: Steve Matda
Topic: 2743  Message: 2774

Sorry for the not-so-timely late topic post, but just got back into town from Orlando...took two kids to Disneyworld for a week...

FYI...There's also a mod to change the AGC action on the 450. It can be found here:

http://user.chollian.net/~cyberline/agcmod.htm

I haven't tried it yet...but then again, I think I like the 450 the way it is...

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
> Russell, book mark this site for future use. You can find many of
> the mods for many of the different radio and other ham gear here. Also,
> owners manuals, some repair manuals, and photos.
> http://www.mods.dk/ I did the out of band mod to my TS-690 years ago
> and it was very easy to do and worked without any problems.
>
> Here is a link to ARRL about operating on 60 meters.
> http://www.arrl.org/FandES/field/regulations/faq-60.html It is very
> easy to get on 60 meters and a lot of fun. I hope this info helps you
> and answers all your questions.
>
> Al, N7IOH
>
>
> Russell Blair wrote:
>
> >Is thier a site where I can find a list of Mods for
> >the 450, I see we can use some of the 60m band, or
> >maybe some one can tell if I can put a jumper so I can
> >get on 60m.
> >
> >Thanks Russell (WT7D)
> >
> >
> >
> >
> >_____

> >Do you Yahoo!?
> >Yahoo! Mail - You care about security. So do we.
> >http://promotions.yahoo.com/new_mail
> >
> >
> >THANKS FOR USING TS-850_450_690@Y...
> >Yahoo! Groups Links
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# 2775. WANTED - B&W "Portable Antenna"

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-18 19:22:30 UTC
From: rfpexec
Topic: 2775  Message: 2775

Hi,

I am looking for a B&W "Portable Antenna" model AP-10A or AP-10B. I will ever consider the older model with the seperate loading coils.

I want to use this on a two week portable operation with my TS-850.

If you have one available please e-mail me at: rfpexec@...

Thanks,

Bill

# 2776. Re: Poorman TCXO TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-19 19:17:44 UTC
From: Ramon
Topic: 2700  Message: 2776

G'day group members,

Did this "upgrade" yesterday with the Kuhne heater and the result is astonishing! I wish I had ordered some more right away for my other toys. This MOD is highly recommended. Placed a macro PIC of it in the Photos section called "Ref crystal with Kuhne heater".

All the best from PA-land,

Ramon
PE1OUW

--- In TS-850_450_690@yahoogroups.com, Ron Meiring <rmeiring@b...> wrote:
> Hi
>
> For less than 10 US (about 7 euro) you can have a TCXO in your TS850.
>
> This mod is based on a percision SMD X-tal heater from Kunhke
> electronics.
> http://www.kuhne-electronic.de/
>
> The precision SMD quartz heater from DB6NT Kuhne electronics
> works exellent and is now just about installed in every radio I have.
> The heater runs on 40 degrees so you dont need a special X-tal.
> Remove the 4 of the 6 screw wich give you acess to the synthesyer
> PCB. Desolder the 20mHz reference X-tal and heat shrink the new
> heater with a little conductive heat paste on to it.
> There is 9v on the synthesyser module avaliable from a 9v voltage
> regulator. Big 3 pin regulator use left pin seen from the X-tal for 9
> volt.
> I used polystyrene insulation around the X-tal to enhance the
> preformance even more.
>
> The heater looks like a real piece of art, a small circuit board made
> on a special heat conductive substrate with about 20 smd components
> and a small IC on it controll the temp.
>
> I use the same heater for my transverters on 2m.
> On 2m I stay within 20Hz RX and TX with this TCXO.
> So on HF the stability should be about 4 Hz when swithing over

> between RX and TX 50% duty cycle.
> Just on RX only the stabilty should be much better.
>
> Thanks
> Ron VK6KDD
>
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> --
> No virus found in this outgoing message.
> Checked by AVG Anti-Virus.
> Version: 7.0.296 / Virus Database: 265.6.0 - Release Date:
17/12/2004

# 2777. Re: [TS-850_450_690] Re: List of Mods for the TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-21 13:32:23 UTC
From: Bill K0ZL
Topic: 2743  Message: 2777

Hey, the only bad AGC mod is the one that ain't
tried...

bill

--- Steve Matda <smatda@...> wrote:

>
> Sorry for the not-so-timely late topic post, but
> just got back into
> town from Orlando...took two kids to Disneyworld for
> a week...
>
> FYI...There's also a mod to change the AGC action on
> the 450. It can
> be found here:
>
> http://user.chollian.net/~cyberline/agcmod.htm
>
> I haven't tried it yet...but then again, I think I
> like the 450 the
> way it is...
>
> Steve, KE4MOB
>
>
> --- In TS-850_450_690@yahoogroups.com, n7ioh
> <n7ioh@c...> wrote:
> > Russell, book mark this site for future use.
> You can find many
> of
> > the mods for many of the different radio and other
> ham gear here.
> Also,
> > owners manuals, some repair manuals, and photos.
>
> > http://www.mods.dk/ I did the out of band mod to
> my TS-690 years
> ago
> > and it was very easy to do and worked without any
> problems.
> >
> > Here is a link to ARRL about operating on 60
> meters.
> >
>

http://www.arrl.org/FandES/field/regulations/faq-60.html
> It is
> very
> > easy to get on 60 meters and a lot of fun. I hope
> this info helps
> you
> > and answers all your questions.
> >
> > Al, N7IOH
> >
> >
> > Russell Blair wrote:
> >
> > >Is thier a site where I can find a list of Mods
> for
> > >the 450, I see we can use some of the 60m band,
> or
> > >maybe some one can tell if I can put a jumper so
> I can
> > >get on 60m.
> > >
> > >Thanks Russell (WT7D)
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> > >_____________________________________
> > >Do you Yahoo!?
> > >Yahoo! Mail - You care about security. So do we.
> > >http://promotions.yahoo.com/new_mail
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> > >THANKS FOR USING TS-850_450_690@Y...
> > >Yahoo! Groups Links
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Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

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Do you Yahoo!?
The all-new My Yahoo! - Get yours free!
http://my.yahoo.com

# 2778. dc/dc converter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-23 18:36:15 UTC
From: k4pdm
Topic: 2778  Message: 2778

Bill and all,
I'm not sure, but it looks like my 850 is in the first stages of the DC/DC converter problem. When I am keying on CW, at times the ALC will lower the output slightly, and then back to normal. Testing with a carrier in FSK, sometimes the ALC goes up and the power goes down in a cycle. It is only varying 20 watts or so, so far.

Is the DC/DC converter board still available? I don't see it at PacParts.
73,
Paul K4PDM

# 2779. Re: [TS-850_450_690] dc/dc converter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-23 19:49:36 UTC
From: Mike (WZ5Q)
Topic: 2778  Message: 2779

Howdy,
East Coast Transistor still has them. http://www.kenwoodparts.com/
P/N - X59-1100-00
I have also repaired them by replacing the the 2ea 22Kohm surface mount resisters (R2 & R3) with Resisters of a lesser value ranging from 13K to 16K. (ref DK Mods http://www.mods.dk/view.php?ArticleId=2735)
Seems this lower resistance keeps the transisters from oscillating.
It has worked every time. Easier than removing that blasted board.
Either way, good luck & 73,

Mike
WZ5Q
from Deep Down in the Dark Dismall Swamps of the Calcaseau
http://wz5q.com

k4pdm wrote:

>Bill and all,
>I'm not sure, but it looks like my 850 is in the first stages of the
>DC/DC converter problem. When I am keying on CW, at times the ALC
>will lower the output slightly, and then back to normal. Testing with
>a carrier in FSK, sometimes the ALC goes up and the power goes down
>in a cycle. It is only varying 20 watts or so, so far.
>
>Is the DC/DC converter board still available? I don't see it at
>PacParts.
>73,
>Paul K4PDM
>
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.300 / Virus Database: 265.7.2 - Release Date: 1/21/2005

# 2780. Re: dc/dc converter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-23 23:25:33 UTC
From: rick54045
Topic: 2778  Message: 2780

Hello!

Years ago, I had a similar problem with the power fluctuating along with the ALC. The power fluctuation was about 30 watts at around a 4 or 5 Hrz rate. I sent the rig to kenwood and they replaced a diode, transistor, and an inductor in the IF section. I'll look to see if I still have the paperwork.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, "Mike (WZ5Q)" <wz5q@j...> wrote:
> Howdy,
> East Coast Transistor still has them. http://www.kenwoodparts.com/
> P/N - X59-1100-00
> I have also repaired them by replacing the the 2ea 22Kohm surface mount
> resisters (R2 & R3) with Resisters of a lesser value ranging from 13K to
> 16K. (ref DK Mods http://www.mods.dk/view.php?ArticleId=2735)
> Seems this lower resistance keeps the transisters from oscillating.
> It has worked every time. Easier than removing that blasted board.
> Either way, good luck & 73,
>
> Mike
> WZ5Q
> from Deep Down in the Dark Dismall Swamps of the Calcaseau
> http://wz5q.com
>
>
>
> k4pdm wrote:
>
> >Bill and all,
> >I'm not sure, but it looks like my 850 is in the first stages of the
> >DC/DC converter problem. When I am keying on CW, at times the ALC
> >will lower the output slightly, and then back to normal. Testing with
> >a carrier in FSK, sometimes the ALC goes up and the power goes down
> >in a cycle. It is only varying 20 watts or so, so far.
> >
> >Is the DC/DC converter board still available? I don't see it at
> >PacParts.
> >73,

> >Paul K4PDM
> >
> >
> >
> >
> >
> >THANKS FOR USING TS-850_450_690@Y...
> >Yahoo! Groups Links
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> No virus found in this outgoing message.
> Checked by AVG Anti-Virus.
> Version: 7.0.300 / Virus Database: 265.7.2 - Release Date: 1/21/2005

# 2781. Re: [TS-850_450_690] Re: dc/dc converter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-24 00:51:10 UTC
From: Paul Manuel
Topic: 2778  Message: 2781

--- rick54045 <rick54045@...> wrote:
> Years ago, I had a similar problem with the power fluctuating along
> with the ALC. The power fluctuation was about 30 watts at around a 4
> or 5 Hrz rate. I sent the rig to kenwood and they replaced a diode,
> transistor, and an inductor in the IF section. I'll look to see if I
> still have the paperwork.

Hi Eric! Well, my fluctuation is more like a 1Hz rate when it happens, but could be the same thing. If it is a very involved fix, it'll probably have to wait. Let me know what you come up with, and thanks.
73,
Paul K4PDM

_____
Do you Yahoo!?
Yahoo! Mail - now with 250MB free storage. Learn more.
http://info.mail.yahoo.com/mail_250

# 2782. Re: [TS-850_450_690] dc/dc converter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-24 00:53:15 UTC
From: Paul Manuel
Topic: 2778  Message: 2782

--- "Mike (WZ5Q)" <wz5q@...> wrote:
> East Coast Transistor still has them. http://www.kenwoodparts.com/
> P/N - X59-1100-00
> I have also repaired them by replacing the the 2ea 22Kohm surface mount
> resisters (R2 & R3) with Resisters of a lesser value ranging from 13K to
> 16K.

Mike, Thanks for the info. My problem would be in finding the replacement transistors! I'll look at the details on the fix at mods.dk tomorrow.
Thanks again,
Paul K4PDM

_____
Do you Yahoo!?
Yahoo! Mail - Easier than ever with enhanced search. Learn more.
http://info.mail.yahoo.com/mail_250

# 2783. Hello and...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-24 02:48:13 UTC
From: powderfinger56
Topic: 2783  Message: 2783

Hi ,my name is Mike K2MMM and I am new to the group. I hope I made a good choice In trading for a 2 owner TS850SAT. I did have another offer for a Yaesu FT857D so I think I made the right choice.We had a blizzard here this weekend in Jersey this weekend so I had a lot of time to check out Ehamreviews and go thru this list. Should have the rig next week...
Nice postings on here. 73 Mike K2MMM

# 2784. Re: [TS-850_450_690] dc/dc converter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-24 14:22:01 UTC
From: Paul Manuel
Topic: 2778  Message: 2784

--- Paul Manuel <k4pdm@...> wrote:
> > Mike, Thanks for the info. My problem would be in finding the
> replacement
> transistors!

Of course, I meant REsistors, not TRANsistors!
I got in too much of a hurry.
73,
Paul K4PDM

_____
Do you Yahoo!?
Meet the all-new My Yahoo! - Try it today!
http://my.yahoo.com

# 2785. Re: [TS-850_450_690] dc/dc converter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-24 15:19:01 UTC
From: Bill K0ZL
Topic: 2778  Message: 2785

Change R2 and R3 to 18K. You can use 1/4, 1/8 watt or
the SMD.

The resistors I use (and keep in the shop for these
repairs) are Kenwood part number RK73FB2A183J

73,

Bill K0ZL

--- Paul Manuel <k4pdm@...> wrote:

>
> --- "Mike (WZ5Q)" <wz5q@...> wrote:
> > East Coast Transistor still has them.
> http://www.kenwoodparts.com/
> > P/N - X59-1100-00
> > I have also repaired them by replacing the the 2ea
> 22Kohm surface mount
> > resisters (R2 & R3) with Resisters of a lesser
> value ranging from 13K to
> > 16K.
>
> Mike, Thanks for the info. My problem would be in
> finding the replacement
> transistors! I'll look at the details on the fix at
> mods.dk tomorrow.
> Thanks again,
> Paul K4PDM
>
>
>
> _____
> Do you Yahoo!?
> Yahoo! Mail - Easier than ever with enhanced search.
> Learn more.
> http://info.mail.yahoo.com/mail_250
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

_____
Do you Yahoo!?
The all-new My Yahoo! - What will yours do?
http://my.yahoo.com

# 2786. Re: [TS-850_450_690] Hello and...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-24 15:29:31 UTC
From: Bill K0ZL
Topic: 2783  Message: 2786

Hey congrats, best of luck with that new 850! They
are great rigs. Would not sell mine unless I had
another one coming...

b

--- powderfinger56 <kc2fko@...> wrote:

>
> Hi ,my name is Mike K2MMM and I am new to the group.
> I hope I made a
> good choice In trading for a 2 owner TS850SAT. I did
> have another
> offer for a Yaesu FT857D so I think I made the right
> choice.We had a
> blizzard here this weekend in Jersey this weekend so
> I had a lot of
> time to check out Ehamreviews and go thru this list.
> Should have the
> rig next week...
> Nice postings on here. 73 Mike K2MMM
>
>
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

---
Do you Yahoo!?
Yahoo! Mail - 250MB free storage. Do more. Manage less.
http://info.mail.yahoo.com/mail_250

# 2787. Re: Hello and...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-25 02:51:23 UTC
From: powderfinger56
Topic: 2783  Message: 2787

Thanks for the welcome Bill!!
I hope you're still working on the old gals??!!
73 mike k2mmm

> Hey congrats, best of luck with that new 850! They
> are great rigs. Would not sell mine unless I had
> another one coming...
>
> b
>
> --- powderfinger56 <kc2fko@m...> wrote:
>
> >
> > Hi ,my name is Mike K2MMM and I am new to the group.
> > I hope I made a
> > good choice In trading for a 2 owner TS850SAT. I did
> > have another
> > offer for a Yaesu FT857D so I think I made the right
> > choice.We had a
> > blizzard here this weekend in Jersey this weekend so
> > I had a lot of
> > time to check out Ehamreviews and go thru this list.
> > Should have the
> > rig next week...
> > Nice postings on here. 73 Mike K2MMM
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> Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in
resistors...
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> Do you Yahoo!?
> Yahoo! Mail - 250MB free storage. Do more. Manage less.

> http://info.mail.yahoo.com/mail_250

# 2788. ts850 coming! new to the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-25 10:28:20 UTC
From: wayfound2000
Topic: 2788  Message: 2788

Hello folks from the UK!
I have an ,850 coming in a couple of days! I chose it because of the sheer quality of the rig! Also I have an intrest in 40m AM. Has anyone in the group had any experience using this rig on AM please? Also I would like to use it controlled with my PC. My eyesight is not so good for building so I would need commercial bits and peices/software for this. Any comments on 1. A.M. and 2. CAT control
All the best 850 friends!
Pete

# 2789. Re: ts850 coming! new to the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-25 11:56:41 UTC
From: Max
Topic: 2788  Message: 2789

--- In TS-850_450_690@yahoogroups.com, "wayfound2000" <wayfound@l...>
wrote:
>
> Hello folks from the UK!
> I have an ,850 coming in a couple of days! I chose it because of
the
> sheer quality of the rig! Also I have an intrest in 40m AM. Has
> anyone in the group had any experience using this rig on AM please?
> Also I would like to use it controlled with my PC. My eyesight is
> not so good for building so I would need commercial bits and
> peices/software for this. Any comments on 1. A.M. and 2. CAT control
> All the best 850 friends!
> Pete

Hi Pete,

Welcome to the group. You will really enjoy the 850. As for AM
operation, the 850 is a great radio to start on. It sounds nice
stock, but if you do the published mods as shown here:

http://www.directheli.com/ka0ka/am_mods.html

it will sound even better. I performed all these on one of my 850's
and it sounded fantastic. I also recommend the audio bandwidth mods at
the same time, but with your eyesight as you described you may want to
find a compentent helper as most of the components are surface mount
and very small and in hard to reach places.

As far as PC control goes, Ham Radio Deluxe is hard to beat. Here is
the link: http://hrd.ham-radio.ch/

Good luck and enjoy that 850!

Max

# 2790. Re: [TS-850_450_690] ts850 coming! new to the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-25 13:22:46 UTC
From: Zack Widup
Topic: 2788  Message: 2790

The 850 really shines on AM. It has the most beautiful audio, both on transmit and receive.

You can either build a simple interface for the TS-850 to the computer or buy an IF-232C adapter. The interface uses a 6-pin DIN plug that I think you can get at Radio Shack. It plugs into ACC1 on the rear of the rig.

The IF-232C simply converts the TTL levels from the rig to RS-232 levels for the computer's serial port. You might find one on eBay.

There are schematics for adapters on the web and one in the ARRL Handbook.

Several programs control the rig just fine. I have a program called "ClusterBuster" that controls the rig from the computer. You can use it to pick packetcluster spots and QSY the rig to the packet-announced frequencies. I dno't think it's available anymore but there ar similar programs out there. I also have CT (now a free contest logging program) which controls the rig. I also have a program called Kentrol that controls most of the functions from the computer.

The TS-850S External Control Instruction Manual I got with my rig tells you how to control the rig with computer, if you want to write your own software.

73, Zack W9SZ

On Tue, 25 Jan 2005, wayfound2000 wrote:

> 
> 
> Hello folks from the UK!
> I have an ,850 coming in a couple of days! I chose it because of the
> sheer quality of the rig! Also I have an intrest in 40m AM. Has
> anyone in the group had any experience using this rig on AM please?
> Also I would like to use it controlled with my PC. My eyesight is
> not so good for building so I would need commercial bits and
> peices/software for this. Any comments on 1. A.M. and 2. CAT control
> All the best 850 friends!
> Pete
> 
> 
> 
> 
> 
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
> 

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# 2791. Re: [TS-850_450_690] Re: Hello and...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-25 13:42:57 UTC
From: Bill K0ZL
Topic: 2783  Message: 2791

My gosh yes. Stacked up here like incoming flights at
Newark. In a snow storm.

bill

--- powderfinger56 <kc2fko@...> wrote:

>
> Thanks for the welcome Bill!!
> I hope you're still working on the old gals??!!
> 73 mike k2mmm
>
> > Hey congrats, best of luck with that new 850!
> They
> > are great rigs. Would not sell mine unless I had
> > another one coming...
> >
> > b
> >
> > --- powderfinger56 <kc2fko@m...> wrote:
> >
> > >
> > > Hi ,my name is Mike K2MMM and I am new to the
> group.
> > > I hope I made a
> > > good choice In trading for a 2 owner TS850SAT. I
> did
> > > have another
> > > offer for a Yaesu FT857D so I think I made the
> right
> > > choice.We had a
> > > blizzard here this weekend in Jersey this
> weekend so
> > > I had a lot of
> > > time to check out Ehamreviews and go thru this
> list.
> > > Should have the
> > > rig next week...
> > > Nice postings on here. 73 Mike K2MMM
> > >
> > >
> > >
> > >
> > >
> > >
> > > =====

> >
> > Flinging molten lead WORLDWIDE; putting the 'magic
> smoke' back in
> resistors...
> >
> >
> >
> >
> >
> >
> >
> > _____
> > Do you Yahoo!?
> > Yahoo! Mail - 250MB free storage. Do more. Manage
> less.
> > http://info.mail.yahoo.com/mail_250
>
>
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>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

_____
Do you Yahoo!?
Take Yahoo! Mail with you! Get it on your mobile phone.
http://mobile.yahoo.com/maildemo

# 2792. Re: [TS-850_450_690] ts850 coming! new to the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-25 13:52:50 UTC
From: Bill K0ZL
Topic: 2788  Message: 2792

The 850 is great for AM, no mods needed.

Just run your carrier at 25-30 watts, then set your
mic gain so that you are just barely exciting the ALC
meter reading; very very little is the key here.

If you need more carrier power, use an amp; any amp
will do. I prefer 572Bs or 3-500Z as they are tough
enough to stand the duty cycle.

73,

--- wayfound2000 <wayfound@...> wrote:

>
> Hello folks from the UK!
> I have an ,850 coming in a couple of days! I chose
> it because of the
> sheer quality of the rig! Also I have an intrest in
> 40m AM. Has
> anyone in the group had any experience using this
> rig on AM please?
> Also I would like to use it controlled with my PC.
> My eyesight is
> not so good for building so I would need commercial
> bits and
> peices/software for this. Any comments on 1. A.M.
> and 2. CAT control
> All the best 850 friends!
> Pete
>
>
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

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Do you Yahoo!?
Yahoo! Mail - Helps protect you from nasty viruses.
http://promotions.yahoo.com/new_mail

# 2793. Re: Hello and...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-25 14:19:41 UTC
From: paul spiteri
Topic: 2783  Message: 2793

Hi Mike,
Welcome to the group
de'
9H1SP
Paul

---------------------------------
Do you Yahoo!?
Yahoo! Mail - 250MB free storage. Do more. Manage less.
http://info.mail.yahoo.com/mail_250

# 2794. Re: [TS-850_450_690] ts850 coming! new to the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-25 20:16:07 UTC
From: ve3wej
Topic: 2788  Message: 2794

>You can either build a simple interface for the TS-850 to the computer or
>buy an IF-232C adapter. The interface uses a 6-pin DIN plug that I think
>you can get at Radio Shack. It plugs into ACC1 on the rear of the rig.

just a note, for anyboy with old c64/128 stuff 6 pin din is the same cable as used with the 232c interface.

Ve3wej/Ve3ie
Dave Garber

[Non-text portions of this message have been removed]

# 2795. Many thanks

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-25 23:02:09 UTC
From: wayfound2000
Topic: 2795  Message: 2795

Many thanks to you folks for the welcome. Thanks for the info regarding AM and the interface. I will let you know when it arrives and give some feedback. Hope I can give you folks some help in the future!
Pete G4HAK

# 2796. TS-850SAT for sale eBay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-25 23:29:27 UTC
From: n7ioh
Topic: 2796  Message: 2796

There is a TS-850SAT on eBay at a buy it now price of $570 and he will pay the shipping. This is a 3 day listing only and no its not mine. I just wanted to pass it along for those who might be interested. The item number is 5746287018.

Al, N7IOH

# 2797. Re: ts850 coming! new to the group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-26 14:57:33 UTC
From: wayfound2000
Topic: 2788  Message: 2797

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@p...> wrote:
> The 850 really shines on AM. It has the most beautiful audio,
both on
> transmit and receive.
>
> You can either build a simple interface for the TS-850 to the
computer or
> buy an IF-232C adapter. The interface uses a 6-pin DIN plug that
I think
> you can get at Radio Shack. It plugs into ACC1 on the rear of the
rig.
>
> The IF-232C simply converts the TTL levels from the rig to RS-232
levels
> for the computer's serial port. You might find one on eBay.
>
> There are schematics for adapters on the web and one in the ARRL
Handbook.
>
> Several programs control the rig just fine. I have a program
called
> "ClusterBuster" that controls the rig from the computer. You can
use it
> to pick packetcluster spots and QSY the rig to the packet-
announced
> frequencies. I dno't think it's available anymore but there ar
similar
> programs out there. I also have CT (now a free contest logging
program)
> which controls the rig. I also have a program called Kentrol that
> controls most of the functions from the computer.
>
> The TS-850S External Control Instruction Manual I got with my rig
tells
> you how to control the rig with computer, if you want to write
your own
> software.
>
> 73, Zack W9SZ
>
>
> On Tue, 25 Jan 2005, wayfound2000 wrote:
>
> >
> >

> > Hello folks from the UK!
> > I have an ,850 coming in a couple of days! I chose it because of
the
> > sheer quality of the rig! Also I have an intrest in 40m AM. Has
> > anyone in the group had any experience using this rig on AM
please?
> > Also I would like to use it controlled with my PC. My eyesight
is
> > not so good for building so I would need commercial bits and
> > peices/software for this. Any comments on 1. A.M. and 2. CAT
control
> > All the best 850 friends!
> > Pete
> >
> >
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@Y...
> > Yahoo! Groups Links
> >
> >
> >
> > Further to this..what mic would you folks recommend for overall
best speech quality...from your experiences?
Pete
> >
> >
> >
> >

# 2798. what mic?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-26 14:59:07 UTC
From: wayfound2000
Topic: 2798  Message: 2798

> Further to this..regarding AM use as well....what mic would you
folks recommend for overall
best speech quality...from your experiences?

# 2799. Re: [TS-850_450_690] what mic?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-26 15:42:27 UTC
From: N7ZXP
Topic: 2798  Message: 2799

MC-60
----- Original Message -----
From: wayfound2000
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, January 26, 2005 6:59 AM
Subject: [TS-850_450_690] what mic?

> Further to this..regarding AM use as well....what mic would you
folks recommend for overall
best speech quality...from your experiences?

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2800. Re: [TS-850_450_690] what mic?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-26 19:09:57 UTC
From: VK4TUX
Topic: 2798  Message: 2800

Heil Goldline i.e. PR20 nowadays with W2IHY or behringer eq for a real nice audio.

Adrian
----- Original Message -----
From: N7ZXP
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, January 27, 2005 1:42 AM
Subject: Re: [TS-850_450_690] what mic?

MC-60
----- Original Message -----
From: wayfound2000
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, January 26, 2005 6:59 AM
Subject: [TS-850_450_690] what mic?

> Further to this..regarding AM use as well....what mic would you
folks recommend for overall
best speech quality...from your experiences?

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

---
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a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2801. Re: what mic?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-26 21:33:50 UTC
From: Max
Topic: 2798  Message: 2801

--- In TS-850_450_690@yahoogroups.com, "VK4TUX" <vk4tux@a...> wrote:
> Heil Goldline i.e. PR20 nowadays with W2IHY or behringer eq for a
real nice audio.
>
> Adrian

I've used Samson, Behringer and other gear. My current mic is the
Goldline Pro. Sounds nice all by itself but I have experimented with
a little EQ'ing. Will play some more while the wife is out tonight!!
Rig is a TS-50 by the way.

Max

# 2802. Re: what mic?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-27 00:46:03 UTC
From: Mike
Topic: 2798  Message: 2802

Hi Pete, The only "good" answer to what mic would be best if from someone who sounds EXACTLY like you do when you speak and is using the same rig as yours and operating in the same exact environment. Then you would need to know how they are using the mic ie talking softly or loudly, how far away from the mic etc. And you would also need to know how they have it set up as far as gain alc etc. AND you would also have to really like the way they sounded. Do you know that person? If so you are very very lucky. Everyones voice and operating environment and operating style is different. What works great for some will sound like something out of the back of a cow for others.Then to make things even more difficult, Everyone has a different opinion as to what sounds good and what dosen't. The best advice (not the easiest)I can give would be to see if you can borrow a few mic.s, Try them on your rig, record yourself on a seperate reciever, play the tape back and it will give you a fairly good idea of what works best for the way you want to sound. You might find one that sounds perfect in your opinion. You might find one that is "close" then you will need to decide if that "close" is good enough or you still want it a little better. You may then have to look for yet another mic or see if a EQ will alter it to your taste. I sound like a old bull frog 2 feet under the mud to start with. I tried a "tinny" mic and it only made me sound a bit higher pitched but still in the mud. I ended up with a sure mic from a pawn shop and a 8 band EQ to cut the lows, boost the highs and tweak the mids a bit to get close to what I think sounds "OK". The stock hand mic may be just the perfect one for you. Good luck. 73 , Mike

# 2803. 850s to SB200

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-27 01:28:41 UTC
From: kb8nty
Topic: 2803  Message: 2803

Hello All:

May I ask if anyone used or is using a Heathkit SB-200 with the TS-850?

If so can you please tell me if you can connect direct or do you use an interface of some type?

Thank you in advance!

Longtime TS-930 user Now enjoying the TS-850 as primary rig.

With Regards,
Ross

# 2804. DRU-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-27 01:36:42 UTC
From: wayfound2000
Topic: 460  Message: 2804

TS850 comes today!
Thanks for all the advice and thanks mike for your comments about the mics. Ill get back to you when Ive tried some!
By the way is there a mod to record direct from the RX on the 850 and not the mic so you can playback direct recordings?
Pete

# 2805. Re: DRU-2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-27 03:49:19 UTC
From: Max
Topic: 460  Message: 2805

--- In TS-850_450_690@yahoogroups.com, "wayfound2000" <wayfound@l...>
wrote:

By the way is there a mod to record direct from the RX on the 850
and not the mic so you can playback direct recordings?

Pete,

Are you talking about recording the receiver audio? On the 13 pin
ACCY jack on the back, pin 3 is fixed receiver audio and pin 4 is
ground. I used to run this into my laptop and record using Cool Edit.
I am confused by what you mean "direct recordings"?

Max

# 2806. Re: [TS-850_450_690] Re: what mic?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-27 11:59:58 UTC
From: Bill K0ZL
Topic: 2798  Message: 2806

MIke's got the idea; get a good vocals mic (Rat Shack
even has some good ones), then EQ the "heck" out of it
until you sound like you are a very rich man (or
woman) and that you are just waiting for Jeeves to
warm up the Leer for a quick trip to Cabo.

73,

Bill

--- Mike <kd5vhf@...> wrote:

>
> Hi Pete, The only "good" answer to what mic would be
> best if from
> someone who sounds EXACTLY like you do when you
> speak and is using
> the same rig as yours and operating in the same
> exact environment.
> Then you would need to know how they are using the
> mic ie talking
> softly or loudly, how far away from the mic etc. And
> you would also
> need to know how they have it set up as far as gain
> alc etc. AND you
> would also have to really like the way they sounded.
> Do you know
> that person? If so you are very very lucky.
> Everyones voice and
> operating environment and operating style is
> different. What works
> great for some will sound like something out of the
> back of a cow
> for others.Then to make things even more difficult,
> Everyone has a
> different opinion as to what sounds good and what
> dosen't. The best
> advice (not the easiest)I can give would be to see
> if you can borrow
> a few mic.s, Try them on your rig, record yourself
> on a seperate
> reciever, play the tape back and it will give you a
> fairly good idea
> of what works best for the way you want to sound.
> You might find one
> that sounds perfect in your opinion. You might find

> one that
> is "close" then you will need to decide if that
> "close" is good
> enough or you still want it a little better. You may
> then have to
> look for yet another mic or see if a EQ will alter
> it to your taste.
> I sound like a old bull frog 2 feet under the mud to
> start with. I
> tried a "tinny" mic and it only made me sound a bit
> higher pitched
> but still in the mud. I ended up with a sure mic
> from a pawn shop
> and a 8 band EQ to cut the lows, boost the highs and
> tweak the mids
> a bit to get close to what I think sounds "OK". The
> stock hand mic
> may be just the perfect one for you. Good luck. 73
> , Mike
>
>
>
>

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Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

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Do you Yahoo!?
Yahoo! Mail - Find what you need with new enhanced search.
http://info.mail.yahoo.com/mail_250

# 2807. Re: [TS-850_450_690] 850s to SB200

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-27 12:14:03 UTC
From: Bill K0ZL
Topic: 2803  Message: 2807

The 850 will key anything. Mine does sb-200 and 220 no
problem

b

--- kb8nty <kb8nty@...> wrote:

>
> Hello All:
>
> May I ask if anyone used or is using a Heathkit
> SB-200 with the TS-
> 850?
>
> If so can you please tell me if you can connect
> direct or do you use
> an interface of some type?
>
> Thank you in advance!
>
> Longtime TS-930 user Now enjoying the TS-850 as
> primary rig.
>
> With Regards,
> Ross
>
>
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>
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

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Do you Yahoo!?
Yahoo! Mail - Find what you need with new enhanced search.
http://info.mail.yahoo.com/mail_250

# 2808. Re: [TS-850_450_690] 850s to SB200

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-27 12:58:28 UTC
From: frank
Topic: 2803  Message: 2808

Hi Ross

I use a TS-850 to a SB-221.Dont know about SB-200 but the SB-221 need
an interface. I built it myself from an old QST.
The TR relay in the SB221 is at 120 Volts and I dont think the ts-850 can take that Volt in the keying
circuit.
Regards
Frank

----- Original Message -----
From: kb8nty
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, January 27, 2005 2:28 AM
Subject: [TS-850_450_690] 850s to SB200

Hello All:

May I ask if anyone used or is using a Heathkit SB-200 with the TS-
850?

If so can you please tell me if you can connect direct or do you use
an interface of some type?

Thank you in advance!

Longtime TS-930 user Now enjoying the TS-850 as primary rig.

With Regards,
Ross

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2809. Re: [TS-850_450_690] what mic?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-27 13:08:42 UTC
From: Mike (WZ5Q)
Topic: 2798  Message: 2809

Howdy,
Ill have to agree with what Mike, KD5VHF stated, but...
and this is just one Hams OPINION.....

If you are after Full Range Rag Chewing Audio and have an extra $208.00 bucks, then Heil has some new mics out that are just phenominal going strait into the rig. http://www.heilsound.com/amateur/newprods.htm
They have terrific Low End Response with a slight preemphisized Upper Mid/High End.
It is about the best Full Range mic I have heard going strait into the rig without any outboard processing gear (eq, compressor, etc.)
The name of the new mics are the PR-30 and the PR-40.
I have the 3rd PR-40 off his production line and am doing some comparison testing against my Electrovoice RE-20.
The difference between the two mics is:
1) They both look identicle (not a difference but....)
2) Frequency Response of the Low End

The PR-40 has a Frequency Response of 28cps to 18Kc
The PR-30 has a Frequency Response of 40cps to 18Kc

They both will fit perfectly into the RE-20 Shock Mount (309a).
With an unmodified (stock) TS-850, I think that the PR-30 would do well due to the Mic Amp Circuitry in the ts-850 will start to roll the low frequencies off around 100cps.

These mics are'nt too good if you are lookin for high pitched "DX Audio" (unless you have an outboard EQ).

Hope this Helps and Good Luck. Most people go thru several mics before they find one they are happy with. Especially with no way to change the Frequency Response (no EQ).
73,

Mike
WZ5Q
from Deep Down in the Dark Dismall Swamps of the Calcaseau
http://wz5q.com

wayfound2000 wrote:

> > Further to this..regarding AM use as well....what mic would you
>folks recommend for overall
>best speech quality...from your experiences?
>
>
>

>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.300 / Virus Database: 265.7.3 - Release Date: 1/24/2005

# 2810. TS450SAT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-27 12:45:28 UTC
From: Kutche, Jerry
Topic: 2810  Message: 2810

Hi all,
New to the group... I am now the proud owner of a USED TS450SAT it was aquired from a good friend who used it on Pactor ... Since its arrival (Shipping from PA to IN) It seems to have developed a problem... I think shipping may have loosened something.
While using the AT and adjusted for minimum.. I have noted that the SWR will jump up and not go back to 1:1 unless I press the AT Tune button again.. On same freq without moving....
1 Problem I found and fixed, was the small lead from the RF Board to the SO-239 It was broken from the circuit board. It has been repaired.. I thought that had completely fixed it... (Can I replace it with a bigger wire, and a larger ferrite bead????)
It has not. I double checked that solder connection is still good... The Surge Protector seems ok and looks good. Not all heated up and melted or anything.. How can one check it??? Where can I get one.. Does Kenwood still sell these??
Any one have an idea what to check next... Could it be a relay, or something on the RF Board.. It appears to the After the AT and before the Antenna connector.. I have tried a known good dummy load and get the same effect...

If anyone has sugestions.. I am open to hearing them...

73 Jerry N9LYA

[Non-text portions of this message have been removed]

# 2811. Re: 850s to SB200

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-27 15:49:02 UTC
From: Steve Matda
Topic: 2803  Message: 2811

I looked in my TS450 a long time ago and it has a Matshushita DS1E-M-12VDC relay for amp switching. I looked at their website and the contacts are rated at 250V at 3 A.

I don't know if the 850 is the same, although one would think it is. I used a SB200 for about a week with my 450 w/ no interface (was testing the amp) with no problems whatsoever...other than a couple of soft 572B's!!

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "frank" <frank@s...> wrote:
> Hi Ross
>
> I use a TS-850 to a SB-221.Dont know about SB-200 but the SB-221 need
> an interface. I built it myself from an old QST.
> The TR relay in the SB221 is at 120 Volts and I dont think the ts-850 can take that Volt in the keying
> circuit.
> Regards
> Frank
>
> ----- Original Message -----
> From: kb8nty
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, January 27, 2005 2:28 AM
> Subject: [TS-850_450_690] 850s to SB200
>
>
>
> Hello All:
>
> May I ask if anyone used or is using a Heathkit SB-200 with the TS-
> 850?
>
> If so can you please tell me if you can connect direct or do you use
> an interface of some type?
>
> Thank you in advance!
>
> Longtime TS-930 user Now enjoying the TS-850 as primary rig.
>
> With Regards,

> Ross
>
>
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>
> THANKS FOR USING TS-850_450_690@Y...
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>
> ---
---
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> [Non-text portions of this message have been removed]

# 2812. Re: [TS-850_450_690] TS450SAT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-27 16:28:34 UTC
From: Bill K0ZL
Topic: 2810  Message: 2812

Jerry, repl the relay on the filter board. These do
fail from time to time.

The surge arrestor is OK if it is completely clear
inside (no smoke on the glass) and the black MOV
element does NOT show a band of light brown in the
middle; if it does, replace it too. Those fail open by
the way.

If you need part numbers, let me know.

bill K0ZL

--- "Kutche, Jerry" <JKutche@...> wrote:

> Hi all,
> New to the group... I am now the proud owner of a
> USED TS450SAT it was
> aquired from a good friend who used it on Pactor ...
> Since its arrival
> (Shipping from PA to IN) It seems to have developed
> a problem... I think
> shipping may have loosened something.
> While using the AT and adjusted for minimum.. I have
> noted that the SWR will
> jump up and not go back to 1:1 unless I press the AT
> Tune button again.. On
> same freq without moving....
> 1 Problem I found and fixed, was the small lead from
> the RF Board to the
> SO-239 It was broken from the circuit board. It has
> been repaired.. I
> thought that had completely fixed it... (Can I
> replace it with a bigger
> wire, and a larger ferrite bead????)
> It has not. I double checked that solder connection
> is still good... The
> Surge Protector seems ok and looks good. Not all
> heated up and melted or
> anything.. How can one check it??? Where can I get
> one.. Does Kenwood still
> sell these??
> Any one have an idea what to check next... Could it
> be a relay, or something
> on the RF Board.. It appears to the After the AT and
> before the Antenna

> connector.. I have tried a known good dummy load and
> get the same effect...
>
> If anyone has sugestions.. I am open to hearing
> them...
>
> 73 Jerry N9LYA
>
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

_____
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http://info.mail.yahoo.com/mail_250

# 2813. Re: [TS-850_450_690] Re: 850s to SB200

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-27 16:34:08 UTC
From: jduerbusch@charter.net
Topic: 2803  Message: 2813

I have a TS-850S and the relay in it will handle the Heathkit SB-200 after all it was made to go with the Kenwood TL-922 Amp. But the problem was that the relay in the TS-850S was too slow for the amp and caused the output to arrive at the amp before the amp was in transmit. This is called 'hot switching". You can see the spike of high SWR for a split second on your wattmeter.

To prevent this it is better to key a transistor circuit from the 12VDC on transmit pin of the amp relay connector.

I have a circuit on my webpage that explains all of this but it is for "Positive Keying" amps like the SB-220. The SB-200 is negative keying and this circuit does not work. There are circuits out on net for the negative keying. MFJ makes a very good one.

Check out the article on:
http://www.qsl.net/k0bx

http://www.harbachelectronics.com/
Sold a soft keying module but it seems he is out of business for a while.

Joe K0BX

# 2814. RE: [TS-850_450_690] TS450SAT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-27 17:07:53 UTC
From: Kutche, Jerry
Topic: 2810  Message: 2814

Hi Bill,
Thanks.... Yes if you have part numbers handy that would be great. I do not have a service manual...

Thanks Jerry n9lya
73

-----Original Message-----
From: Bill K0ZL [mailto:coorsbill@...]
Sent: Thursday, January 27, 2005 11:29 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS450SAT

Jerry, repl the relay on the filter board. These do fail from time to time.

The surge arrestor is OK if it is completely clear inside (no smoke on the glass) and the black MOV element does NOT show a band of light brown in the middle; if it does, replace it too. Those fail open by the way.

If you need part numbers, let me know.

bill K0ZL

--- "Kutche, Jerry" <JKutche@...> wrote:

> Hi all,
> New to the group... I am now the proud owner of a
> USED TS450SAT it was
> aquired from a good friend who used it on Pactor ...
> Since its arrival
> (Shipping from PA to IN) It seems to have developed
> a problem... I think
> shipping may have loosened something.
> While using the AT and adjusted for minimum.. I have
> noted that the SWR will
> jump up and not go back to 1:1 unless I press the AT
> Tune button again.. On
> same freq without moving....
> 1 Problem I found and fixed, was the small lead from
> the RF Board to the
> SO-239 It was broken from the circuit board. It has
> been repaired.. I
> thought that had completely fixed it... (Can I
> replace it with a bigger

> wire, and a larger ferrite bead????)
> It has not. I double checked that solder connection
> is still good... The
> Surge Protector seems ok and looks good. Not all
> heated up and melted or
> anything.. How can one check it??? Where can I get
> one.. Does Kenwood still
> sell these??
> Any one have an idea what to check next... Could it
> be a relay, or something
> on the RF Board.. It appears to the After the AT and
> before the Antenna
> connector.. I have tried a known good dummy load and
> get the same effect...
>
> If anyone has sugestions.. I am open to hearing
> them...
>
> 73 Jerry N9LYA
>
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in
resistors...

---
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http://info.mail.yahoo.com/mail_250 <http://info.mail.yahoo.com/mail_250>

THANKS FOR USING TS-850_450_690@...

---

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* To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/
<http://groups.yahoo.com/group/TS-850_450_690/>

* To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
<http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

# 2815. Re: 850s to SB200

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-27 21:14:20 UTC
From: kb8nty
Topic: 2803  Message: 2815

Special thanks to:

Bill,Joe,Steve, and Frank.

Great information, seems the 850 can take it, but maybe just to be sure I will go with interface just to provide a safety buffer!

I found a nice interface that will also provide a standby switch for the amp check it out at:

http://www.theheathkitshop.com/ampkeyer.html

I am new to the group and hope I will be able to help someone as you have all done for me.

Best regards thanks again.

See you on the bands,

Ross KB8NTY

# 2816. It's Here...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-27 23:42:15 UTC
From: powderfinger56
Topic: 2816  Message: 2816

Well the 850 arrived today in fine physical shape. I will hook everything up and move stuff around (again) in the shack to squeeze the 850 in.Okay list members this is the part you make feel better when I tell you I traded a TT Argo V w/TCXO and fan options and the 937 power supply.Two ends of the spectrum for sure as far as use but I had the Argo for 3 months and started to get bored with it. I am really looking foward to the 850. Sorry I haven't searched but is there a 60m mod ? Anybody selling a MC60 mic? Great group here. Will keep you posted on the 850 setup and use. 73 Mike K2MMM somewhere in the swamps of Jersey....

# 2817. Re: It's Here...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-28 03:43:01 UTC
From: Mike
Topic: 2816  Message: 2817

-Lots of mods listed here.... http://www.mods.dk/view.php?
ArticleId=790 73 , Mike
>
> is
> there a 60m mod ?

# 2818. 850s to tl-922a

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-28 07:04:40 UTC
From: paul spiteri
Topic: 2803  Message: 2818

Hi all,
May I ask if anyone used or is using a kenwood TL-922a
with the TS-850?

If so can you please tell me if you can connect
direct or do you use an interface of some type?

Looking also for some modifications. The TL-922a is
from 160 mtrs to 15 mtrs. Like to see if there is any
modification for 10 mtrs and warc bands.

Thank you in advance and good day
de'
9H1SP
Paul

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# 2820. Re: 850s to SB200

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-28 10:24:47 UTC
From: rick54045
Topic: 2803  Message: 2820

According to the TS-850 Owner's manual pages 65 & 66, the maximum rating of the relay is 100Vdc at 500Ma. I don't know about the SB-200, but the SB-220/221 Amplifiers have 125Vdc relays. If you directly switch these amplifiers, you are exceeding the rating of the amplifier relay in the 850. I have a SB-221 and use a reed relay to key the amplifier. The contacts are rated at 250Vdc at 250Ma and the coil is rated at 12Vdc at 10ma.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> The 850 will key anything. Mine does sb-200 and 220 no
> problem
>
> b
>
> --- kb8nty <kb8nty@c...> wrote:
>
> >
> > Hello All:
> >
> > May I ask if anyone used or is using a Heathkit
> > SB-200 with the TS-
> > 850?
> >
> > If so can you please tell me if you can connect
> > direct or do you use
> > an interface of some type?
> >
> > Thank you in advance!
> >
> > Longtime TS-930 user Now enjoying the TS-850 as
> > primary rig.
> >
> > With Regards,
> > Ross
> >
> >
> >
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> =====
>
> Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in
resistors...
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> _____
> Do you Yahoo!?
> Yahoo! Mail - Find what you need with new enhanced search.
> http://info.mail.yahoo.com/mail_250

# 2821. ts850s remote connector

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-28 11:28:44 UTC
From: paul spiteri
Topic: 2821  Message: 2821

Hi all,
I bought a Kenwood TL-922A and with it I have a remote
connector cable. It is like the TS-520 - TS-820 series
( 8 pin big ) connector. I have the TS-850S and I saw
that the remote connector is a small one with 7 pin.
Can someone please told me with which pin I can
soldier the ALC OUT and the RL Cont to fix it with the
TL-922A ??
Thanks from
9H1SP
Paul

---------------------------------------------------
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# 2822. Re: [TS-850_450_690] 850s to tl-922a

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-28 16:56:54 UTC
From: Bill K0ZL
Topic: 2803  Message: 2822

Hi Paul, you can use the 850 with the 922 direct.

I have keyed all sorts of amps with my 850 from the Henry 3K ultra (2,700 watts on 40M, dummy load of course) to the Ameritron AL-811. No problems.

The 10M mod is a little involved with the 922, it's been a long time since I did one; will have to check and see if I still have the info. Thought all of those were done already! hi...

bill

--- paul spiteri <paul13720001@...> wrote:

> Hi all,
> May I ask if anyone used or is using a kenwood
> TL-922a
> with the TS-850?
>
> If so can you please tell me if you can connect
> direct or do you use an interface of some type?
>
> Looking also for some modifications. The TL-922a is
>
> from 160 mtrs to 15 mtrs. Like to see if there is
> any
> modification for 10 mtrs and warc bands.
>
> Thank you in advance and good day
> de'
> 9H1SP
> Paul
>
>
>
>
>
> _____
> Do you Yahoo!?
> Yahoo! Mail - 250MB free storage. Do more. Manage
> less.
> http://info.mail.yahoo.com/mail_250
>

=====

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Do you Yahoo!?
Yahoo! Mail - 250MB free storage. Do more. Manage less.
http://info.mail.yahoo.com/mail_250

# 2823. Re: [TS-850_450_690] 850s to tl-922a

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-28 17:26:15 UTC
From: Robert F.(Bob) Jones
Topic: 2803  Message: 2823

Hi Paul,

Have used the 922 with the 850 for years and it works fine.It will not work full breakin without expensive mods to the 922.Richard Measures talks about this on his website.Search the web for Richard Measures for his TL-922 mods and info.

Many 922A's are already wired for 10 meters,you simply need to remove a stop screw which allows the bandswitch to move one more position.You can inspect your bandswitch and make that decision.You can search the web for the 10 meter add-on wiring if you don't have the 10 meter factory wiring on the switch,there is a drawing and description available on the web, I just can't remember where.

Good luck and 73,
Bob
W0OXJ
----- Original Message -----
From: Bill K0ZL
To: TS-850_450_690@yahoogroups.com
Sent: Friday, January 28, 2005 9:56 AM
Subject: Re: [TS-850_450_690] 850s to tl-922a

Hi Paul, you can use the 850 with the 922 direct.

I have keyed all sorts of amps with my 850 from the
Henry 3K ultra (2,700 watts on 40M, dummy load of
course) to the Ameritron AL-811. No problems.

The 10M mod is a little involved with the 922, it's
been a long time since I did one; will have to check
and see if I still have the info. Thought all of those
were done already! hi...

bill

--- paul spiteri <paul13720001@...> wrote:

> Hi all,
> May I ask if anyone used or is using a kenwood
> TL-922a
> with the TS-850?
>
> If so can you please tell me if you can connect
> direct or do you use an interface of some type?
>
> Looking also for some modifications. The TL-922a is
>
> from 160 mtrs to 15 mtrs. Like to see if there is

> any
> modification for 10 mtrs and warc bands.
>
> Thank you in advance and good day
> de'
> 9H1SP
> Paul
>
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> _____
> Do you Yahoo!?
> Yahoo! Mail - 250MB free storage. Do more. Manage
> less.
> http://info.mail.yahoo.com/mail_250
>

=====

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_____
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http://info.mail.yahoo.com/mail_250

THANKS FOR USING TS-850_450_690@...

---
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[Non-text portions of this message have been removed]

# 2824. TS-850 arrived!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-28 20:31:06 UTC
From: wayfound2000
Topic: 2824  Message: 2824

Well thanks for all your help..the 850 arrived today...Wow what a radio. Great reports!
I am however finding the filters a bit confusing!
I understand filters operate on TX as well? If not what is the standard SSB Tx bandwidth?
I also notice from the board that its possible to set a menu so that the TX goes through the filters...could anyone help to explain the use of the filters please? regarding this I wonder if I could select the filters for TX AM? Thanks in anticipation
Pete G4HAK

# 2825. TS-850 overload?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-29 21:01:09 UTC
From: wayfound2000
Topic: 2825  Message: 2825

Hi Folks any feedback regarding the filters explanation please?
Also I notice with the 850 that when the RF gain is turned up full its very noisy and there seems to be a bit over intial "blow" or overload at the beginning of the incoming SSB signal. Particularly strong signals. Having the RF gain at about 8 and its great and very smooth! Is this normal or a fault that can be rectified on the 850?
Good dx folks!
Pete G4HAK

# 2826. Re: TS-850 arrived!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-30 02:27:18 UTC
From: Max
Topic: 2824  Message: 2826

--- In TS-850_450_690@yahoogroups.com, "wayfound2000" <wayfound@l...>
wrote:
>
> Well thanks for all your help..the 850 arrived today...Wow what a
> radio. Great reports!
> I am however finding the filters a bit confusing!
> I understand filters operate on TX as well? If not what is the
> standard SSB Tx bandwidth?
> I also notice from the board that its possible to set a menu so
that
> the TX goes through the filters...could anyone help to explain the
> use of the filters please? regarding this I wonder if I could
select
> the filters for TX AM? Thanks in anticipation
> Pete G4HAK

Pete,

In the manual you will find a section where it tells you to press a couple of buttons while turning the rig on and this will put you into a different menu. One of the menu items selects whether the filters are selectable in transmit or not. Enable this allows you to vary your TX bandwidth. However it is not of much use on SSB unless you have the DSP100 in use or have installed a filter say around 4 khz bandwidth. The stock SSB filter in the 850 is 2.7 khz wide which isn't bad but not quite hi-fi SSB so to speak. Your next selectable TX bandwidth would be 6 khz, which is too wide. So you could pick up a 4 khz AM filter and drop it in and that would be a nice bandwidth. As you will soon learn, the 850 is one of the nicest sounding radios out there right out of the box. I have owned and sold three and still kick myself. But at some point I will get another. Lots of them for sale.

Max

# 2827. Re: [TS-850_450_690] TS-850 overload?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-30 11:52:08 UTC
From: Bill K0ZL
Topic: 2825  Message: 2827

Not observed in my early model 850.

Try running with AIP ON, see if that helps.

Sounds also as if your AGC is OFF...??

bill

--- wayfound2000 <wayfound@...> wrote:

>
> Hi Folks any feedback regarding the filters
> explanation please?
> Also I notice with the 850 that when the RF gain is
> turned up full
> its very noisy and there seems to be a bit over
> intial "blow" or
> overload at the beginning of the incoming SSB
> signal. Particularly
> strong signals. Having the RF gain at about 8 and
> its great and very
> smooth! Is this normal or a fault that can be
> rectified on the 850?
> Good dx folks!
> Pete G4HAK
>
>
>
>
>

=====

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---
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# 2828. Re: [TS-850_450_690] TS-850 overload?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-30 11:57:56 UTC
From: RobertV
Topic: 2825  Message: 2828

At 29/01/2005 21:01, you wrote:

>Hi Folks any feedback regarding the filters explanation please?
>Also I notice with the 850 that when the RF gain is turned up full
>its very noisy and there seems to be a bit over intial "blow" or
>overload at the beginning of the incoming SSB signal. Particularly
>strong signals. Having the RF gain at about 8 and its great and very
>smooth! Is this normal or a fault that can be rectified on the 850?
>Good dx folks!
>Pete G4HAK
>

I would imaging that could be you hearing their amplifier carrier noise
at start up. Listening to many local stations who are 40++ I can hear
the background carrier of their radio even with them having mike-gain
at minimum. Running this into an amplifier could produce a carrier
of 1-20 watts quite easily and this would be easily audible on strong
signals.

Robertv!

Sick of Spam? Visit http://keir.net/k9.html

# 2829. For Sale: DBX Dual compressor/gate/limiter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-30 21:17:50 UTC
From: sjdradio
Topic: 2829  Message: 2829

I have a DBX model 1066 dual channel compressor/gate/limiter for sale. very good condition with a few minor top scuff marks. ( face plate has no blemishes) . works perfectly. Nice addition to the ssb hifi rack for control of the audio. willing to let it go for $220 shipped in conus. These units are $400 new via mail order!

Scott N6RRV sjd@...

[Non-text portions of this message have been removed]

# 2830. Out of Band Safeguards

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-01-31 22:54:01 UTC
From: powderfinger56
Topic: 2830  Message: 2830

I was wondering if there are any safeguards to prevent out of ham band transmitting? While listening to SW last nite my son keyed the mic by accident. Is there a light or something that comes on to indicate this ? Sorry if this a stupid question but I hope nothing go damaged. 73 Mike K2MMM

# 2831. Re: Out of Band Safeguards

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-01 01:27:44 UTC
From: Max
Topic: 2830  Message: 2831

--- In TS-850_450_690@yahoogroups.com, "powderfinger56" <kc2fko@m...>
wrote:
>
> I was wondering if there are any safeguards to prevent out of ham
> band transmitting? While listening to SW last nite my son keyed the
> mic by accident. Is there a light or something that comes on to
> indicate this ? Sorry if this a stupid question but I hope nothing go
> damaged. 73 Mike K2MMM

Hi Mike,

Unfortunately there is nothing you can do. Generally once you open a
radio up for full freq tx (I mean 60m!) it transmits the full range of
the radio, typically 1.8-30 mhz. Aside from some radios having band
edge beeps, which only work when tuning, not much you can do aside
from unplugging the mic.

Max

# 2832. Re: [TS-850_450_690] Out of Band Safeguards

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-01 03:57:18 UTC
From: Bill K0ZL
Topic: 2830  Message: 2832

There is a menu choice to block transmitter operation;
check the owner's manual. I am too tired to look it up
now!

73

Bill K0ZL

--- powderfinger56 <kc2fko@...> wrote:

>
> I was wondering if there are any safeguards to
> prevent out of ham
> band transmitting? While listening to SW last nite
> my son keyed the
> mic by accident. Is there a light or something that
> comes on to
> indicate this ? Sorry if this a stupid question but
> I hope nothing go
> damaged. 73 Mike K2MMM
>
>
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

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http://my.yahoo.com

# 2833. Re: Looking to buy a TS 850...non smoker

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-01 05:03:08 UTC
From: ka5ivr
Topic: 2730  Message: 2833

--- In TS-850_450_690@yahoogroups.com, "ft920yaesu1997"
<ft920yaesu1997@y...> wrote:

Are you still looking for a TS-850?

I have a nice (non-smoker) TS-850-SAT with some filters and the MC-
60 mic and the SP-31 speaker. Everything is in the original boxes.

Stuart
KA5IVR

>
> Looking to buy a TS 850...non smoker
> Selling my TS 570DG
>
> Would like a filter or two in it but not nessessary
> Kinda scared to get one off ebay
> Anyone got an excellent one for sale??
> Thanks

# 2834. Re: Out of Band Safeguards

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-01 13:55:50 UTC
From: Steve Matda
Topic: 2830  Message: 2834

Well, look at it this way...if you were on LSB or USB, and he didn't speak into the mic, then very little power was actually transmitted unless your mic gain was cranked way, waaay up. No power output means it was probably next to impossible to damage the rig. And very little, if any interference.

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "powderfinger56" <kc2fko@m...> wrote:
>
> I was wondering if there are any safeguards to prevent out of ham
> band transmitting? While listening to SW last nite my son keyed
the
> mic by accident. Is there a light or something that comes on to
> indicate this ? Sorry if this a stupid question but I hope nothing
go
> damaged. 73 Mike K2MMM

# 2835. Re: [TS-850_450_690] Re: Out of Band Safeguards

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-01 14:18:07 UTC
From: Paul Manuel
Topic: 2830  Message: 2835

> --- In TS-850_450_690@yahoogroups.com, "powderfinger56" <kc2fko@m...>
> wrote:
> > I was wondering if there are any safeguards to prevent out of ham
> > band transmitting? While listening to SW last nite my son keyed the
> > mic by accident. Is there a light or something that comes on to
> > indicate this ? Sorry if this a stupid question but I hope nothing go
> > damaged. 73 Mike K2MMM

You could leave your VFOs in split mode and leave the transmit one on a
ham band, or the AM broadcast band or below, where it will not transmit,
if it is important enough to you. Or put the transmit VFO in CW mode,
where it won't put out a signal without closing the key.
73,
Paul K4PDM

---------------------------------
Do you Yahoo!?
Take Yahoo! Mail with you! Get it on your mobile phone.
http://mobile.yahoo.com/maildemo

# 2836. Re: [TS-850_450_690] Re: Out of Band Safeguards

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-01 14:34:43 UTC
From: Zack Widup
Topic: 2830  Message: 2836

I did the mod to open up my TS-850 to transmit on the whole rig's range that's available, mainly for 60 meter access. I also have a transverter that uses a strange IF frequency.

I usually do the same thing - leave the rig in "split" mode with the transmitter set on 7005 kHz. I work so little phone that the mic is never connected unless I specifically want to work someone on SSB. Then when I'm done I unplug it and it goes back into the drawer. :-)

73, Zack W9SZ

On Tue, 1 Feb 2005, Paul Manuel wrote:

> 
> 
> > --- In TS-850_450_690@yahoogroups.com, "powderfinger56" <kc2fko@m...>
> > wrote:
> > > I was wondering if there are any safeguards to prevent out of ham
> > > band transmitting? While listening to SW last nite my son keyed the
> > > mic by accident. Is there a light or something that comes on to
> > > indicate this ? Sorry if this a stupid question but I hope nothing go
> > > damaged. 73 Mike K2MMM
> 
> You could leave your VFOs in split mode and leave the transmit one on a
> ham band, or the AM broadcast band or below, where it will not transmit,
> if it is important enough to you. Or put the transmit VFO in CW mode,
> where it won't put out a signal without closing the key.
> 73,
> Paul K4PDM
> 

# 2837. Re: Out of Band Safeguards

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-01 19:18:22 UTC
From: nm9p
Topic: 2830  Message: 2837

Like many of the other replies, I often leave the transmit VFO on a "safe" frequency & mode and tune around in the other VFO, or in the memories.

I also use this technique when rapidly tuning or scanning through various memory channels. It keeps the relatively quiet, but still annoying, TX bandpass filter relays from constantly clicking; and keeps the auto tuner from cycling whenever I change receive bands.

73 de Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, "powderfinger56" <kc2fko@m...> wrote:
>
> I was wondering if there are any safeguards to prevent out of ham
> band transmitting? While listening to SW last nite my son keyed the
> mic by accident. Is there a light or something that comes on to
> indicate this ? Sorry if this a stupid question but I hope nothing go
> damaged. 73 Mike K2MMM

# 2838. Re: [TS-850_450_690] Re: Out of Band Safeguards

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-01 20:11:20 UTC
From: n7ioh
Topic: 2830  Message: 2838

Hi Mike, you could just unplug the microphone and turn the carrier and power all the way down just in case he hits the send button by accident. Or, you could get him his own receiver, headphones, antenna tuner, long wire and let him at it.

Al, N7IOH

>>I was wondering if there are any safeguards to prevent out of ham
>>band transmitting? While listening to SW last nite my son keyed the
>>mic by accident. Is there a light or something that comes on to
>>indicate this ? Sorry if this a stupid question but I hope nothing go
>>damaged. 73 Mike K2MMM
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 2839. Re: Out of Band Safeguards

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-01 23:37:01 UTC
From: powderfinger56
Topic: 2830  Message: 2839

Hi Guys,
Thanks for all the suggestions. I forget which radio it was but if by chance you keyed the mic it automaticly said on a readout "no TX or something like that.
So if he keyed the mic and spoke it would do some damage? Obviously I will have to check some things out like the using the other VFO option. Kids... Although he said he really likes the TS830 I told him he could have it if he gets his ticket(s).
Thanks again,
Mike K2MMM
> Hi Mike, you could just unplug the microphone and turn the carrier
> and power all the way down just in case he hits the send button by
> accident. Or, you could get him his own receiver, headphones, antenna
> tuner, long wire and let him at it.
>
> Al, N7IOH
>
> >>I was wondering if there are any safeguards to prevent out of ham
> >>band transmitting? While listening to SW last nite my son keyed the
> >>mic by accident. Is there a light or something that comes on to
> >>indicate this ? Sorry if this a stupid question but I hope nothing go
> >>damaged. 73 Mike K2MMM
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> >THANKS FOR USING TS-850_450_690@Y...
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# 2840. Re: [TS-850_450_690] FREQUENCY FOR TS-450S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-02 14:12:46 UTC
From: Ronnie Bass
Topic: 2830  Message: 2840

WHAT VR TO TURN TO GET THE KENWOOD TS-450 S BACK ON FREQUENCY PLEASE LET ME KNOW THANK YOU IT'S A LITTLE OFF FREQUENCY.....

powderfinger56 <kc2fko@...> wrote:
Hi Guys,
Thanks for all the suggestions. I forget which radio it was but if by chance you keyed the mic it automaticly said on a readout "no TX or something like that.
So if he keyed the mic and spoke it would do some damage? Obviously I will have to check some things out like the using the other VFO option. Kids... Although he said he really likes the TS830 I told him he could have it if he gets his ticket(s).
Thanks again,
Mike K2MMM
> Hi Mike, you could just unplug the microphone and turn the carrier
> and power all the way down just in case he hits the send button by
> accident. Or, you could get him his own receiver, headphones, antenna
> tuner, long wire and let him at it.
>
> Al, N7IOH
>
> >>I was wondering if there are any safeguards to prevent out of ham
> >>band transmitting? While listening to SW last nite my son keyed the
> >>mic by accident. Is there a light or something that comes on to
> >>indicate this ? Sorry if this a stupid question but I hope nothing go
> >>damaged. 73 Mike K2MMM
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> > >THANKS FOR USING TS-850_450_690@Y...
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THANKS FOR USING TS-850_450_690@...

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Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

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ERNEST T BASS

[Non-text portions of this message have been removed]

# 2841. Re: [TS-850_450_690] ANTENNA TUNER

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-02 14:17:58 UTC
From: Ronnie Bass
Topic: 2830  Message: 2841

I GOT A KENWOOD TS-450S AND THE ANTENNA TUNER IS GOT TO BE ON ALL THE TIME WHEN I TURN IT OFF THE POWER GOES BACK DOWN FOR SOME REASON I WILL TURN THE ANTENNA TUNER ON HIT THE BUTTON FOR IT TO AJUST AND THEN I TURN IT OFF AND THE POWER DONT GO UP BUT THEN I WILL TURN IT BACK ON AND AJUST THE LEAVE IT ON THE POWER STAY'S UP AND RUN NORMAL SO DOES THE ANTENNA TUNER STAY ALL THE TIME WHEN YOU IN STALL IT FOR THE POWER TO STAY THE SAME

nm9p <nm9p@...> wrote:

Like many of the other replies, I often leave the transmit VFO on a
"safe" frequency & mode and tune around in the other VFO, or in the
memories.

I also use this technique when rapidly tuning or scanning through
various memory channels. It keeps the relatively quiet, but still
annoying, TX bandpass filter relays from constantly clicking; and
keeps the auto tuner from cycling whenever I change receive bands.

73 de Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, "powderfinger56" <kc2fko@m...>
wrote:
>
> I was wondering if there are any safeguards to prevent out of ham
> band transmitting? While listening to SW last nite my son keyed the
> mic by accident. Is there a light or something that comes on to
> indicate this ? Sorry if this a stupid question but I hope nothing go
> damaged. 73 Mike K2MMM

THANKS FOR USING TS-850_450_690@...

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ERNEST T BASS

[Non-text portions of this message have been removed]

# 2842. Re: [TS-850_450_690] ANTENNA TUNER

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-02 15:32:24 UTC
From: N7ZXP
Topic: 2830  Message: 2842

Thats how it works. The tuner only works when its on. When it is off, it is bypassed. It appears to be working fine.
Lane N7ZXP
----- Original Message -----
From: Ronnie Bass
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, February 02, 2005 6:17 AM
Subject: Re: [TS-850_450_690] ANTENNA TUNER

I GOT A KENWOOD TS-450S AND THE ANTENNA TUNER IS GOT TO BE ON ALL THE TIME WHEN I TURN IT OFF THE POWER GOES BACK DOWN FOR SOME REASON I WILL TURN THE ANTENNA TUNER ON HIT THE BUTTON FOR IT TO AJUST AND THEN I TURN IT OFF AND THE POWER DONT GO UP BUT THEN I WILL TURN IT BACK ON AND AJUST THE LEAVE IT ON THE POWER STAY'S UP AND RUN NORMAL SO DOES THE ANTENNA TUNER STAY ALL THE TIME WHEN YOU IN STALL IT FOR THE POWER TO STAY THE SAME

nm9p <nm9p@...> wrote:

Like many of the other replies, I often leave the transmit VFO on a
"safe" frequency & mode and tune around in the other VFO, or in the
memories.

I also use this technique when rapidly tuning or scanning through
various memory channels. It keeps the relatively quiet, but still
annoying, TX bandpass filter relays from constantly clicking; and
keeps the auto tuner from cycling whenever I change receive bands.

73 de Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, "powderfinger56" <kc2fko@m...>
wrote:
>
> I was wondering if there are any safeguards to prevent out of ham
> band transmitting? While listening to SW last nite my son keyed the
> mic by accident. Is there a light or something that comes on to
> indicate this ? Sorry if this a stupid question but I hope nothing go
> damaged. 73 Mike K2MMM

THANKS FOR USING TS-850_450_690@...

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ERNEST T BASS

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

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http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

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[Non-text portions of this message have been removed]

# 2843. Re: FREQUENCY FOR TS-450S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-02 17:08:11 UTC
From: Steve Matda
Topic: 2830  Message: 2843

Message 335.

http://groups.yahoo.com/group/TS-850_450_690/message/335

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, Ronnie Bass <bass_ronnie@y...>
wrote:
> WHAT VR TO TURN TO GET THE KENWOOD TS-450 S BACK ON FREQUENCY
PLEASE LET ME KNOW THANK YOU IT'S A LITTLE OFF FREQUENCY.....
>
> powderfinger56 <kc2fko@m...> wrote:
> Hi Guys,
> Thanks for all the suggestions. I forget which radio it was but if
by
> chance you keyed the mic it automaticly said on a readout "no TX or
> something like that.
> So if he keyed the mic and spoke it would do some damage?
Obviously
> I will have to check some things out like the using the other VFO
> option. Kids... Although he said he really likes the TS830 I told
him
> he could have it if he gets his ticket(s).
> Thanks again,
> Mike K2MMM
> > Hi Mike, you could just unplug the microphone and turn the
> carrier
> > and power all the way down just in case he hits the send button
by
> > accident. Or, you could get him his own receiver, headphones,
> antenna
> > tuner, long wire and let him at it.
> >
> > Al, N7IOH
> >
> > >>I was wondering if there are any safeguards to prevent out of
ham
> > >>band transmitting? While listening to SW last nite my son
keyed
> the
> > >>mic by accident. Is there a light or something that comes on to
> > >>indicate this ? Sorry if this a stupid question but I hope
> nothing go
> > >>damaged. 73 Mike K2MMM
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> > >THANKS FOR USING TS-850_450_690@Y...
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> Yahoo! Groups Links
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> To visit your group on the web, go to:
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> To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
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> ERNEST T BASS
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>
> [Non-text portions of this message have been removed]

# 2844. Re: [TS-850_450_690] ANTENNA TUNER

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-02 17:51:02 UTC
From: ve3wej
Topic: 2830  Message: 2844

also tells me that your actual swr may be high, and you low output is
reflecting that.

Dave
----- Original Message -----
From: "N7ZXP" <n7zxp@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, February 02, 2005 10:32 AM
Subject: Re: [TS-850_450_690] ANTENNA TUNER

>
> Thats how it works. The tuner only works when its on. When it is off, it
is bypassed. It appears to be working fine.
> Lane N7ZXP
> ----- Original Message -----
> From: Ronnie Bass
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, February 02, 2005 6:17 AM
> Subject: Re: [TS-850_450_690] ANTENNA TUNER
>
>
> I GOT A KENWOOD TS-450S AND THE ANTENNA TUNER IS GOT TO BE ON ALL THE
TIME WHEN I TURN IT OFF THE POWER GOES BACK DOWN FOR SOME REASON I WILL TURN
THE ANTENNA TUNER ON HIT THE BUTTON FOR IT TO AJUST AND THEN I TURN IT OFF
AND THE POWER DONT GO UP BUT THEN I WILL TURN IT BACK ON AND AJUST THE LEAVE
IT ON THE POWER STAY'S UP AND RUN NORMAL SO DOES THE ANTENNA TUNER STAY ALL
THE TIME WHEN YOU IN STALL IT FOR THE POWER TO STAY THE SAME
>
> nm9p <nm9p@...> wrote:
>
> Like many of the other replies, I often leave the transmit VFO on a
> "safe" frequency & mode and tune around in the other VFO, or in the
> memories.
>
> I also use this technique when rapidly tuning or scanning through
> various memory channels. It keeps the relatively quiet, but still
> annoying, TX bandpass filter relays from constantly clicking; and
> keeps the auto tuner from cycling whenever I change receive bands.
>
> 73 de Ken - NM9P
>
>
> --- In TS-850_450_690@yahoogroups.com, "powderfinger56" <kc2fko@m...>
> wrote:
> >

> > I was wondering if there are any safeguards to prevent out of ham
> > band transmitting? While listening to SW last nite my son keyed the
> > mic by accident. Is there a light or something that comes on to
> > indicate this ? Sorry if this a stupid question but I hope nothing go
> > damaged. 73 Mike K2MMM
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> THANKS FOR USING TS-850_450_690@...
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> ---
> Yahoo! Groups Links
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> To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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> ERNEST T BASS
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> [Non-text portions of this message have been removed]
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> THANKS FOR USING TS-850_450_690@...
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> Yahoo! Groups Links
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> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
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> b.. To unsubscribe from this group, send an email to:

> TS-850_450_690-unsubscribe@yahoogroups.com
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> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
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> [Non-text portions of this message have been removed]
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 2845. TS-850S roofing filters?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-02 20:10:01 UTC
From: Bill Maddock
Topic: 2845  Message: 2845

I don't know if they make them yet - but it would be nice to have some switchable roofing filters for the 73mhz IF. Is this a possibility?

Thanks and 73,

Bill N4ZI Atoka, TN

---

Do you Yahoo!?
Yahoo! Search presents - Jib Jab's 'Second Term'

[Non-text portions of this message have been removed]

# 2846. SP31 Opinions

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-03 01:09:29 UTC
From: powderfinger56
Topic: 2846  Message: 2846

Only 2 reviews on Eham. Good or bad or don't bother? Also does it have 2 imputs to run 2 rigs like the Yaesu SP6?
Thanks Mike K2MMM

# 2847. Re: [TS-850_450_690] SP31 Opinions

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-03 03:29:06 UTC
From: Bill Maddock
Topic: 2846  Message: 2847

Mike,

I have used a SP31 speaker for 12 years, bought it when I got my 850S new - nothing special about it, it works fine, it will give you a choice of 2 rigs ( A/B switch ) and it has 3 filter setting
which I really don not use ( 2 - high cut and 1 - low cut). It does have a jack on the front for
headphones. Mine has worked flawlessly since I bought it new!

powderfinger56 <kc2fko@...> wrote:

Only 2 reviews on Eham. Good or bad or don't bother? Also does it
have 2 imputs to run 2 rigs like the Yaesu SP6?
Thanks Mike K2MMM

THANKS FOR USING TS-850_450_690@...

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To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

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---
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

# 2848. Re: [TS-850_450_690] SP31 Opinions

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-03 04:26:01 UTC
From: ve3wej
Topic: 2846  Message: 2848

> I have used a SP31 speaker for 12 years, bought it when I got my 850S new - nothing special
> about it, it works fine, it will give you a choice of 2 rigs ( A/B switch ) and it has 3 filter setting
> which I really don not use ( 2 - high cut and 1 - low cut). It does have a jack on the front for
> headphones. Mine has worked flawlessly since I bought it new!

Not much to it, I have one here, same features as the sp230, 930,940 and probably other Kenwoods, mostly it matches the radio. Sounds great. Have had the radio for about 3 months, and the speaker for 2 1/2 months...love them both

does that count as my review????

Ve3wej/Ve3ie
Dave Garber

# 2849. Re: SP31 Opinions

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-03 11:51:55 UTC
From: Max
Topic: 2846  Message: 2849

I too have owned the SP31 Mike. My opinion, don't waste your money. All you are paying for is a speaker case that is color matched to the radio, and a few caps to filter the audio that has a very limited range anyway. It works as a speaker should. Feed your audio in and sound comes out. Personally I would be on the hunt for a nice bookcase speaker with a bit more low end response to really bring out the 850's amazing audio. I am using a Sony bookshelf speaker I found in the trash. Cleaned it up and it is as good as new. It is still being used on the TS50. I have since long sold the SP31.

If you want a speaker that matches the rig in appearance then get the SP31, but if you want a speaker that will make the 850 sound great, keep looking. The Sounds Sweet speakers have got great reviews and a local ham friend of mine here in town has one. He says it is amazing, but they do take up a lot of space. Just for reference the SP31 sells for the equivalent of $145 US in Canada. Ridiculous.

Max

# 2850. TS 450S KENWOOD

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-03 12:51:39 UTC
From: Ronnie Bass
Topic: 2850  Message: 2850

hey does anybody know how to ajust the frequency on the ts 450s i need to get it on frequency so anybody out there knows let me know thank you

ERNEST T BASS

[Non-text portions of this message have been removed]

# 2851. RE: [TS-850_450_690] TS 450S KENWOOD

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-03 13:04:17 UTC
From: Kutche, Jerry
Topic: 2850  Message: 2851

You can get a service manual from www.mods.dk <http://www.mods.dk> and then
follow the alignment proceedures. I think it is about 27Meg and 180+ pages..
but very nice..

73 Jerry n9lya

-----Original Message-----
From: Ronnie Bass [mailto:bass_ronnie@...]
Sent: Thursday, February 03, 2005 7:52 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS 450S KENWOOD

hey does anybody know how to ajust the frequency on the ts 450s i need to
get it on frequency so anybody out there knows let me know thank you

ERNEST T BASS

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

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Yahoo! Groups Links

* To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/
<http://groups.yahoo.com/group/TS-850_450_690/>

* To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
<http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

# 2852. Re: TS 450S KENWOOD

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-03 14:45:12 UTC
From: Steve Matda
Topic: 2850  Message: 2852

MESSAGE 335 tells you how to do this.

http://groups.yahoo.com/group/TS-850_450_690/message/335

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, Ronnie Bass <bass_ronnie@y...>
wrote:
> hey does anybody know how to ajust the frequency on the ts 450s i
need to get it on frequency so anybody out there knows let me know
thank you
>
>
> ERNEST T BASS
>
>
> [Non-text portions of this message have been removed]

# 2853. Re: [TS-850_450_690] dc/dc converter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-03 18:48:24 UTC
From: Paul Manuel
Topic: 2778  Message: 2853

--- Bill K0ZL <coorsbill@...> wrote:
> Change R2 and R3 to 18K. You can use 1/4, 1/8 watt or
> the SMD.

Bill,
RS had 15K and 22K on hand. Will either of them work?
Tnx & 73,
Paul K4PDM

_____
Do you Yahoo!?
Yahoo! Mail - You care about security. So do we.
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# 2854. Re: [TS-850_450_690] dc/dc converter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-03 20:22:00 UTC
From: Bill K0ZL
Topic: 2778  Message: 2854

15K will work. It's a multivibrator circuit so the
value is not critical.

bill

--- Paul Manuel <k4pdm@...> wrote:

>
> --- Bill K0ZL <coorsbill@...> wrote:
> > Change R2 and R3 to 18K. You can use 1/4, 1/8 watt
> or
> > the SMD.
>
> Bill,
> RS had 15K and 22K on hand. Will either of them
> work?
> Tnx & 73,
> Paul K4PDM
>
>
>
>
> _____
> Do you Yahoo!?
> Yahoo! Mail - You care about security. So do we.
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>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

_____
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# 2855. Re: ts-450 and carrier supression, free advices...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-04 00:52:45 UTC
From: amicom_ro
Topic: 79  Message: 2855

--- In TS-850_450_690@yahoogroups.com, "n7uvh" <n7uvh@y...> wrote:
> hi and thanks for the egroup...
> I have a ts-450 and running it on psk..I have a carrier when I am
on
> lsb and usb..so guessing i need to supress it some. I don't have a
> tech manuel and would like to know the VR for carrier suppression...
>
> I had to do this to my 440 also and was not as bad and was able to
> fix it myself for I had tech maneual.. if someone can let me know
the
> pots and names and location would be great.
>
> 73 from north idaho.
> email is n7uvh@y...
>
> tu.
> Pat

hello Pat from YO3CEN, Gabriel

I'worked over 120 countries in digital modes...with 450SAT.

I've understand from posts: u have 300 mw receiver near 100W
xcwr...HI!
"I have a carrier" from what device (pc) interface, or soft...?

How u 'see' the carrier?
On power meter, in TX mode?? PSK alwways keep up PWR meter...

I guess that u have a problem with audio interface...

Best regards,
Gabriel, YO3CEN, amicom@...

# 2856. speaker

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-04 00:34:43 UTC
From: sailfree4me@netscape.net
Topic: 2856  Message: 2856

My father, W0WC, and I have 850s. He has a sp31 that matches. It sounds terrible but looks good. I use a Swan PSU-5A from a bygone era. It powers the rig and has a great sounding speaker inside. I also have a drake collection and have used a MS-4 with the 850. It sounds fantastic despite the 4ohm/8ohm mismatch. I have also plugged a pair of Altec computer speakers into the 850 and they sound great, as they do on the laptop. Take your pick...looks or sound quality. BTW, the internal speaker sounds about as good as the '31 IMHO

John - W4BA

---
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Netscape. Just the Net You Need.

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Download now at http://channels.netscape.com/ns/search/install.jsp

# 2857. Re: [TS-850_450_690] speaker

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-04 01:39:32 UTC
From: Gary Tuck
Topic: 2856  Message: 2857

I bought the SP 31 years ago when I first acquired the 850S. Good visual match but not a great speaker. I'll use the SP-230 (matched the 830s I believe) when I want to connect two rigs or an even older Kenwood speaker that originally matched the TS-520.

Gary W7TEA

# 2858. Re: [TS-850_450_690] speaker

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-04 13:52:29 UTC
From: Bill K0ZL
Topic: 2856  Message: 2858

I am using old speaker from a boom box that I got from
the used-goodies store here in town... $2.50 and
sounds great. Looks pretty good too, doesn't stand out
too much.

k0zl

--- sailfree4me@... wrote:

>
> My father, W0WC, and I have 850s. He has a sp31
> that matches. It sounds terrible but looks good. I
> use a Swan PSU-5A from a bygone era. It powers the
> rig and has a great sounding speaker inside. I also
> have a drake collection and have used a MS-4 with
> the 850. It sounds fantastic despite the 4ohm/8ohm
> mismatch. I have also plugged a pair of Altec
> computer speakers into the 850 and they sound great,
> as they do on the laptop. Take your pick...looks or
> sound quality. BTW, the internal speaker sounds
> about as good as the '31 IMHO
>
> John - W4BA
>
>

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> Download now at
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>
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>

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Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

_____
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# 2859. Re: [TS-850_450_690] speaker

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-04 13:58:59 UTC
From: Bill K0ZL
Topic: 2856  Message: 2859

SP-31 owners might want to either try another
full-range speaker element in the SP-31 (if any can be
found to fit) or to play with the acoustics of the
speaker; kind of hard to do without cutting a bass
reflex hole or something, but most of these speakers
need to "breath" a little to sound good on the low
end.

You may also try a bit of open-cell foam (cheap,
yellow stuff used for packing sometimes) in the
speaker box, this may help reduce some of the cabinet
resonances if that is making the speaker sound
"cheap".

bill

--- Gary Tuck <gtuck@...> wrote:

>
> I bought the SP 31 years ago when I first acquired
> the 850S. Good
> visual match but not a great speaker. I'll use the
> SP-230 (matched the
> 830s I believe) when I want to connect two rigs or
> an even older
> Kenwood speaker that originally matched the TS-520.
>
> Gary W7TEA
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

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http://promotions.yahoo.com/new_mail

# 2860. TS-450 receive problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-06 16:24:55 UTC
From: jrpinson
Topic: 2860  Message: 2860

This is my second day with a 450. Had to download the manual to learn some of the finer features. Have noticed that after I unkey, the receive will attenuate drastically for several seconds. The S meter will indicate S 9+60 and slowly return after transmitting. As the S meter drops the receive slowly returns. Is this just operator error or do I have a problem with the rig?

Thanks, Jr. AA5XG

# 2861. Re: TS-450 receive problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-06 16:32:28 UTC
From: jrpinson
Topic: 2860  Message: 2861

A little more information, the longer I talk, the higher the S meter will climb after unkeying and the longer it takes for the receive to return.

Jr. AA5XG

--- In TS-850_450_690@yahoogroups.com, "jrpinson" <jrpinson@w...> wrote:
>
> This is my second day with a 450. Had to download the manual to learn
> some of the finer features. Have noticed that after I unkey, the
> receive will attenuate drastically for several seconds. The S meter
> will indicate S 9+60 and slowly return after transmitting. As the S
> meter drops the receive slowly returns. Is this just operator error
> or do I have a problem with the rig?
>
> Thanks, Jr. AA5XG

# 2862. Re: TS-450 receive problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-06 16:42:58 UTC
From: Max
Topic: 2860  Message: 2862

--- In TS-850_450_690@yahoogroups.com, "jrpinson" <jrpinson@w...> wrote:
>
> A little more information, the longer I talk, the higher the S meter
> will climb after unkeying and the longer it takes for the receive to
> return.
>
> Jr. AA5XG

Where is your RF Gain set at?

# 2863. Re: [TS-850_450_690] TS-450 receive problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-06 18:54:02 UTC
From: Bill K0ZL
Topic: 2860  Message: 2863

Should not be doing that.

I suspect a leaky diode in the RF filter area,
handling the RX switching.

bill

--- jrpinson <jrpinson@...> wrote:

>
> This is my second day with a 450. Had to download
> the manual to learn
> some of the finer features. Have noticed that after
> I unkey, the
> receive will attenuate drastically for several
> seconds. The S meter
> will indicate S 9+60 and slowly return after
> transmitting. As the S
> meter drops the receive slowly returns. Is this
> just operator error
> or do I have a problem with the rig?
>
> Thanks, Jr. AA5XG
>
>
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

---
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http://info.mail.yahoo.com/mail_250

# 2864. Re: [TS-850_450_690] TS-450 receive problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-06 19:04:35 UTC
From: Jr.Pinson
Topic: 2860  Message: 2864

This rig sat unused for 10+ years. Glad I haven't actually bought it
yet! Thanks, Jr.

Bill K0ZL wrote:

> Should not be doing that.
>
> I suspect a leaky diode in the RF filter area,
> handling the RX switching.
>
> bill
>
> --- jrpinson <jrpinson@...> wrote:
>
> >
> > This is my second day with a 450. Had to download
> > the manual to learn
> > some of the finer features. Have noticed that after
> > I unkey, the
> > receive will attenuate drastically for several
> > seconds. The S meter
> > will indicate S 9+60 and slowly return after
> > transmitting. As the S
> > meter drops the receive slowly returns. Is this
> > just operator error
> > or do I have a problem with the rig?
> >
> > Thanks, Jr. AA5XG
> >
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> =====
>
> Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in
> resistors...
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> _____
> Do you Yahoo!?
> Yahoo! Mail - 250MB free storage. Do more. Manage less.
> http://info.mail.yahoo.com/mail_250
>
>
> THANKS FOR USING TS-850_450_690@...
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>
> ---
> Yahoo! Groups Links
>
> * To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>

[Non-text portions of this message have been removed]

# 2865. Re: [TS-850_450_690] TS-450 receive problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-07 00:19:56 UTC
From: Bill K0ZL
Topic: 2860  Message: 2865

The 450's are always worth fixing; ask seller to allow
for repairs in his sale price.

b

--- "Jr.Pinson" <jrpinson@...> wrote:

> This rig sat unused for 10+ years. Glad I haven't
> actually bought it
> yet! Thanks, Jr.
>
> Bill K0ZL wrote:
>
> > Should not be doing that.
> >
> > I suspect a leaky diode in the RF filter area,
> > handling the RX switching.
> >
> > bill
> >
> > --- jrpinson <jrpinson@...> wrote:
> >
> > >
> > > This is my second day with a 450. Had to
> > download
> > > the manual to learn
> > > some of the finer features. Have noticed that
> > after
> > > I unkey, the
> > > receive will attenuate drastically for several
> > > seconds. The S meter
> > > will indicate S 9+60 and slowly return after
> > > transmitting. As the S
> > > meter drops the receive slowly returns. Is this
> > > just operator error
> > > or do I have a problem with the rig?
> > >
> > > Thanks, Jr. AA5XG
> > >
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> > > =====
> > >

> > Flinging molten lead WORLDWIDE; putting the 'magic
> smoke' back in
> > resistors...
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> > _____
> > Do you Yahoo!?
> > Yahoo! Mail - 250MB free storage. Do more. Manage
> less.
> > http://info.mail.yahoo.com/mail_250
> >
> >
> > THANKS FOR USING TS-850_450_690@...
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> > Yahoo! Groups Links
> >
> > * To visit your group on the web, go to:
> >
> http://groups.yahoo.com/group/TS-850_450_690/
> >
> > * To unsubscribe from this group, send an
> email to:
> > TS-850_450_690-unsubscribe@yahoogroups.com
> >
>
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> >
> > * Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of
> > Service <http://docs.yahoo.com/info/terms/>.
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> [Non-text portions of this message have been
> removed]
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Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

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Do you Yahoo!?
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# 2866. Re: [TS-850_450_690] TS-450 receive problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-07 02:20:36 UTC
From: Ronnie Bass
Topic: 2860  Message: 2866

or you on ssb or am when it does it.... on mine on am but it was doing it on mine on ssb but i switch the fast and slow button to fast it stop but on Am always done it so let me know thank you
Bill K0ZL <coorsbill@...> wrote:The 450's are always worth fixing; ask seller to allow for repairs in his sale price.

b

--- "Jr.Pinson" <jrpinson@...> wrote:

> This rig sat unused for 10+ years. Glad I haven't
> actually bought it
> yet! Thanks, Jr.
>
> Bill K0ZL wrote:
>
> > Should not be doing that.
> >
> > I suspect a leaky diode in the RF filter area,
> > handling the RX switching.
> >
> > bill
> >
> > --- jrpinson <jrpinson@...> wrote:
> >
> > >
> > > This is my second day with a 450. Had to
> download
> > > the manual to learn
> > > some of the finer features. Have noticed that
> after
> > > I unkey, the
> > > receive will attenuate drastically for several
> > > seconds. The S meter
> > > will indicate S 9+60 and slowly return after
> > > transmitting. As the S
> > > meter drops the receive slowly returns. Is this
> > > just operator error
> > > or do I have a problem with the rig?
> > >
> > > Thanks, Jr. AA5XG
> > >
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> > =====
> >
> > Flinging molten lead WORLDWIDE; putting the 'magic
> smoke' back in
> > resistors...
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> > _____________________________________
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> less.
> > http://info.mail.yahoo.com/mail_250
> >
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> > THANKS FOR USING TS-850_450_690@...
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> > Yahoo! Groups Links
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> > * To visit your group on the web, go to:
> >
> http://groups.yahoo.com/group/TS-850_450_690/
> >
> > * To unsubscribe from this group, send an
> email to:
> > TS-850_450_690-unsubscribe@yahoogroups.com
> >
>
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
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> > * Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of
> > Service <http://docs.yahoo.com/info/terms/>.
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> [Non-text portions of this message have been
> removed]
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Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

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THANKS FOR USING TS-850_450_690@...

---
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ERNEST T BASS

[Non-text portions of this message have been removed]

# 2867. Re: [TS-850_450_690] TS-450 receive problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-07 03:17:46 UTC
From: Jr. Pinson
Topic: 2860  Message: 2867

Yep, on SSB. Seems like the longer I transmit the longer it takes to
recover the receive.

Thanks, Jr. AA6XG

Ronnie Bass wrote:

>
> or you on ssb or am when it does it.... on mine on am but it was doing
> it on mine on ssb but i switch the fast and slow button to fast it
> stop but on Am always done it so let me know thank you
> Bill K0ZL <coorsbill@...> wrote:The 450's are always worth
> fixing; ask seller to allow
> for repairs in his sale price.
>
> b
>
> --- "Jr.Pinson" <jrpinson@...> wrote:
>
> > This rig sat unused for 10+ years. Glad I haven't
> > actually bought it
> > yet! Thanks, Jr.
> > >
> > > Bill K0ZL wrote:
> > >
> > > > Should not be doing that.
> > > >
> > > > I suspect a leaky diode in the RF filter area,
> > > > handling the RX switching.
> > > >
> > > > bill
> > > >
> > > > --- jrpinson <jrpinson@...> wrote:
> > > >
> > > > >
> > > > > This is my second day with a 450. Had to
> > download
> > > > > the manual to learn
> > > > > some of the finer features. Have noticed that
> > after
> > > > > I unkey, the
> > > > > receive will attenuate drastically for several
> > > > > seconds. The S meter
> > > > > will indicate S 9+60 and slowly return after
> > > > > transmitting. As the S
> > > > > meter drops the receive slowly returns. Is this

> > > > just operator error
> > > > or do I have a problem with the rig?
> > > >
> > > > Thanks, Jr. AA5XG
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> > >
> > > Flinging molten lead WORLDWIDE; putting the 'magic
> > smoke' back in
> > > resistors...
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> > > Do you Yahoo!?
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> > >
> > > THANKS FOR USING TS-850_450_690@...
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> ---
> > > Yahoo! Groups Links
> > >
> > > * To visit your group on the web, go to:
> > >
> > http://groups.yahoo.com/group/TS-850_450_690/
> > >
> > > * To unsubscribe from this group, send an
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> > >
> >
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> > >
> > > * Your use of Yahoo! Groups is subject to the
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> > [Non-text portions of this message have been
> > removed]
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> Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in
> resistors...
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> THANKS FOR USING TS-850_450_690@...
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> Yahoo! Groups Links
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> To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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> ERNEST T BASS

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> [Non-text portions of this message have been removed]
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>
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> http://groups.yahoo.com/group/TS-850_450_690/
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
>---------------------------------------------------------------------
>
>No virus found in this incoming message.
>Checked by AVG Anti-Virus.
>Version: 7.0.300 / Virus Database: 265.8.5 - Release Date: 2/3/2005
>
>

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No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.300 / Virus Database: 265.8.5 - Release Date: 2/3/2005

[Non-text portions of this message have been removed]

# 2868. TS-450 Service Manual/Parts List

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-07 04:55:31 UTC
From: Tim
Topic: 2868  Message: 2868

Hi all,
Anyone know where I can find a 450 Service manual and/or parts list online?
tnx and 73,
Tim

# 2869. Re: [TS-850_450_690] TS-450 Service Manual/Parts List

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-07 05:56:00 UTC
From: N7ZXP
Topic: 2868  Message: 2869

Theres the link. Hope it helps.
Lane, N7ZXP
----- Original Message -----
From: Tim
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, February 06, 2005 8:55 PM
Subject: [TS-850_450_690] TS-450 Service Manual/Parts List

Hi all,
Anyone know where I can find a 450 Service manual and/or parts list
online?
tnx and 73,
Tim

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2870. Buddies TS950 Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-07 11:54:51 UTC
From: Kutche, Jerry
Topic: 2870  Message: 2870

Bill,
I looked at this rig yesturday...

Here is what I see..

When I press the send/rec button... It does not transmit. The red TX light never comes on.. And the recieve does not go away..
Sometimes depending on freq and mode.. It will change one thing.. The filter selection..
Example.. I am on 14.265 and have the better filters selcted.. As soonas I press the send/tx sw or key the mic.. It defaults back to the standard 6KHz fillters... and then when i unpress or unkey it switched back to the setting it was at???

Any clue what to look at..

73 jerry n9lya

Thanks

[Non-text portions of this message have been removed]

# 2871. Re: [TS-850_450_690] TS-450 receive problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-07 13:29:29 UTC
From: Bill K0ZL
Topic: 2860  Message: 2871

When I get some time I will play with mine some more
and see if I can re-create this.

Kenwood uses these little smd caps for t/r switching
and timing; suspect they are getting leaky or changing
value.

I have a t/r "spike" on my 850 that is only evident in
full QSK CW, and gets worse the higher the RF gain is
(I normally set the RF Gain down a bit to help balance
the band noise with the cw sidetone). It was not
evident when the rig was new.

bill

--- "Jr.Pinson" <jrpinson@...> wrote:

> This rig sat unused for 10+ years. Glad I haven't
> actually bought it
> yet! Thanks, Jr.
>
> Bill K0ZL wrote:
>
> > Should not be doing that.
> >
> > I suspect a leaky diode in the RF filter area,
> > handling the RX switching.
> >
> > bill
> >
> > --- jrpinson <jrpinson@...> wrote:
> >
> > >
> > > This is my second day with a 450. Had to
> download
> > > the manual to learn
> > > some of the finer features. Have noticed that
> after
> > > I unkey, the
> > > receive will attenuate drastically for several
> > > seconds. The S meter
> > > will indicate S 9+60 and slowly return after
> > > transmitting. As the S
> > > meter drops the receive slowly returns. Is this
> > > just operator error
> > > or do I have a problem with the rig?

> > >
> > > Thanks, Jr. AA5XG
> > >
> > >
> > >
> > >
> >
> >
> > =====
> >
> > Flinging molten lead WORLDWIDE; putting the 'magic
> smoke' back in
> > resistors...
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> >
> > _____________________________________
> > Do you Yahoo!?
> > Yahoo! Mail - 250MB free storage. Do more. Manage
> less.
> > http://info.mail.yahoo.com/mail_250
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> >
> >
> >
>
---
> > Yahoo! Groups Links
> >
> > * To visit your group on the web, go to:
> >
> http://groups.yahoo.com/group/TS-850_450_690/
> >
> > * To unsubscribe from this group, send an
> email to:
> > TS-850_450_690-unsubscribe@yahoogroups.com
> >
>
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> >
> > * Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of
> > Service <http://docs.yahoo.com/info/terms/>.
> >

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>
> [Non-text portions of this message have been
> removed]
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>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

---------------------------------
Do you Yahoo!?
Take Yahoo! Mail with you! Get it on your mobile phone.
http://mobile.yahoo.com/maildemo

# 2872. Re: [TS-850_450_690] Buddies TS950 Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-07 13:47:05 UTC
From: Bill K0ZL
Topic: 2870  Message: 2872

Jerry, see if the PTT line is switching at the mic;
easiest way might be to remove the shell from the mic
plug and check it there (not sure which pin it is).

If that is changing state, I would look at the I/O
expander that is connected to the front panel
functions that are not working.

First though, make sure all of your ribbon connectors
are firmly seated in their sockets, on both front
units. Could be, someone did a mod on this rig and
left something hanging a little crooked?

bill

--- "Kutche, Jerry" <JKutche@...> wrote:

> Bill,
> I looked at this rig yesturday...
>
> Here is what I see..
>
> When I press the send/rec button... It does not
> transmit. The red TX
> light never comes on.. And the recieve does not go
> away..
> Sometimes depending on freq and mode.. It will
> change one thing.. The
> filter selection..
> Example.. I am on 14.265 and have the better
> filters selcted.. As soonas
> I press the send/tx sw or key the mic.. It defaults
> back to the standard
> 6KHz fillters... and then when i unpress or unkey it
> switched back to the
> setting it was at???
>
> Any clue what to look at..
>
> 73 jerry n9lya
>
> Thanks
>
>
>
>

>
> [Non-text portions of this message have been
> removed]
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

---
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Yahoo! Mail - now with 250MB free storage. Learn more.
http://info.mail.yahoo.com/mail_250

# 2873. TS850 Remote

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-07 13:47:09 UTC
From: paul spiteri
Topic: 2860  Message: 2873

Hi all,
Can someone please tell me if this is the correct
wiring of the remote connector of a TS850S ??
I wanna connect it to a Kenwood TL-922A.

Remote Pin 5 RL to TL922A Red cable
Remote Pin 6 ALC to TL922A Black cable
Ground with jack base

73's de'
9H1SP
Paul

_____
Do you Yahoo!?
Take Yahoo! Mail with you! Get it on your mobile phone.
http://mobile.yahoo.com/maildemo

# 2874. Re: [TS-850_450_690] TS-450 Service Manual/Parts List

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-07 14:13:16 UTC
From: Bill K0ZL
Topic: 2868  Message: 2874

I think RUBE has that.. sent you invite to our HAMFTP
group on Yahoo..

Be sure to download the FAQ from the group's FILES
section; has site name, username and pass for the
group to use with Larry's (KC7QJO) server, which we
have named "RUBE"... as in Goldberg.

73,

bill K0ZL

--- Tim <timhoy@...> wrote:

>
> Hi all,
> Anyone know where I can find a 450 Service manual
> and/or parts list
> online?
> tnx and 73,
> Tim
>
>
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

_____
Do you Yahoo!?
Take Yahoo! Mail with you! Get it on your mobile phone.
http://mobile.yahoo.com/maildemo

# 2875. Re: [TS-850_450_690] TS850 Remote

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-07 14:29:21 UTC
From: Bill Maddock
Topic: 2860  Message: 2875

Paul,

The remote connector is a 7pin - Black goes to ALC and Red to RL

This is according to the manual!

73,

Bill N4ZI

paul spiteri <paul1372001@...> wrote:
Hi all,
Can someone please tell me if this is the correct
wiring of the remote connector of a TS850S ??
I wanna connect it to a Kenwood TL-922A.

Remote Pin 5 RL to TL922A Red cable
Remote Pin 6 ALC to TL922A Black cable
Ground with jack base

73's de'
9H1SP
Paul

---------------------------------
Do you Yahoo!?
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http://mobile.yahoo.com/maildemo

THANKS FOR USING TS-850_450_690@...

---------------------------------
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TS-850_450_690-unsubscribe@yahoogroups.com

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Do you Yahoo!?
Yahoo! Search presents - Jib Jab's 'Second Term'

[Non-text portions of this message have been removed]

# 2876. Re: [TS-850_450_690] TS850 Remote

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-07 15:08:40 UTC
From: paul spiteri
Topic: 2860  Message: 2876

Hi Bill,
Yes I know, but I don't have the cable, so I'm
try to make one, and I'm not sure in which pin I wanna
soldier the ALC and RL.
Thanks
paul
--- Bill Maddock <n4zi96@...> wrote:

> Paul,
>
> The remote connector is a 7pin - Black goes to
> ALC and Red to RL
>
> This is according to the manual!
>
> 73,
>
> Bill N4ZI
>
> paul spiteri <paul1372001@...> wrote:
> Hi all,
> Can someone please tell me if this is the correct
> wiring of the remote connector of a TS850S ??
> I wanna connect it to a Kenwood TL-922A.
>
> Remote Pin 5 RL to TL922A Red cable
> Remote Pin 6 ALC to TL922A Black cable
> Ground with jack base
>
> 73's de'
> 9H1SP
> Paul
>
>
>
>
> _____
> Do you Yahoo!?
> Take Yahoo! Mail with you! Get it on your mobile
> phone.
> http://mobile.yahoo.com/maildemo
>
>
> THANKS FOR USING TS-850_450_690@...
>

>
>
> ---
> Yahoo! Groups Links
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> To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
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> To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
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>
>
> ---
> Do you Yahoo!?
> Yahoo! Search presents - Jib Jab's 'Second Term'
>
> [Non-text portions of this message have been
> removed]
>
>

---
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http://info.mail.yahoo.com/mail_250

# 2877. Re: Buddies TS950 Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-07 16:45:23 UTC
From: Max
Topic: 2870  Message: 2877

--- In TS-850_450_690@yahoogroups.com, "Kutche, Jerry" <JKutche@l...>
wrote:

Example.. I am on 14.265 and have the better filters selcted.. As soon
as I press the send/tx sw or key the mic.. It defaults back to the
standard 6KHz fillters... and then when i unpress or unkey it switched
back to the setting it was at???

Any clue what to look at..

73 jerry n9lya

Jerry,

When you change the filter selection on the 850, you have to change it
in both transmit and receive conditions. For example if you are
sitting there just listening and you change the filter bandwidth, it
affects receive bandwidth only. You have to key the radio, select
your TX filter bandwidth and then unkey. It will then hold your settings.

Max

# 2878. RE: [TS-850_450_690] Re: Buddies TS950 Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-07 19:53:12 UTC
From: Kutche, Jerry
Topic: 2870  Message: 2878

Thanks MAX... So that part seems normal then... If I could just get it to TX.. I am looking into more items.. Thanks..

73 jerry

-----Original Message-----
From: Max [mailto:ve3tmt@...]
Sent: Monday, February 07, 2005 11:45 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: Buddies TS950 Problem

--- In TS-850_450_690@yahoogroups.com, "Kutche, Jerry" <JKutche@l...> wrote:

Example.. I am on 14.265 and have the better filters selcted.. As soon as I press the send/tx sw or key the mic.. It defaults back to the standard 6KHz fillters... and then when i unpress or unkey it switched back to the setting it was at???

Any clue what to look at..

73 jerry n9lya

Jerry,

When you change the filter selection on the 850, you have to change it in both transmit and receive conditions. For example if you are sitting there just listening and you change the filter bandwidth, it affects receive bandwidth only. You have to key the radio, select your TX filter bandwidth and then unkey. It will then hold your settings.

Max

THANKS FOR USING TS-850_450_690@...

-----

Yahoo! Groups Links

* To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/
<http://groups.yahoo.com/group/TS-850_450_690/>

* To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
<http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

# 2879. Re: [TS-850_450_690] TS-450 receive problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-07 21:45:51 UTC
From: Jr. Pinson
Topic: 2860  Message: 2879

I did notice that when I first turned the rig on, the s-meter went to
full scale and slowly dropped. Didn't notice the receive at the time.
Was trying to make sure everything else was set right.

Jr.

Bill K0ZL wrote:

> When I get some time I will play with mine some more
> and see if I can re-create this.
>
> Kenwood uses these little smd caps for t/r switching
> and timing; suspect they are getting leaky or changing
> value.
>
> I have a t/r "spike" on my 850 that is only evident in
> full QSK CW, and gets worse the higher the RF gain is
> (I normally set the RF Gain down a bit to help balance
> the band noise with the cw sidetone). It was not
> evident when the rig was new.
>
> bill
>
> --- "Jr.Pinson" <jrpinson@...> wrote:
>
> > This rig sat unused for 10+ years. Glad I haven't
> > actually bought it
> > yet! Thanks, Jr.
> >
> > Bill K0ZL wrote:
> >
> > > Should not be doing that.
> > >
> > > I suspect a leaky diode in the RF filter area,
> > > handling the RX switching.
> > >
> > > bill
> > >
> > > --- jrpinson <jrpinson@...> wrote:
> > >
> > > >
> > > > This is my second day with a 450. Had to
> > download
> > > > the manual to learn
> > > > some of the finer features. Have noticed that
> > after

> > > > I unkey, the
> > > > receive will attenuate drastically for several
> > > > seconds. The S meter
> > > > will indicate S 9+60 and slowly return after
> > > > transmitting. As the S
> > > > meter drops the receive slowly returns. Is this
> > > > just operator error
> > > > or do I have a problem with the rig?
> > > > >
> > > > Thanks, Jr. AA5XG
> > > > >
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> > > >
> > > =====
> > >
> > > Flinging molten lead WORLDWIDE; putting the 'magic
> > smoke' back in
> > > resistors...
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> > >
> > >
> > > _____________________________________
> > > Do you Yahoo!?
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> > >
> > > THANKS FOR USING TS-850_450_690@...
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> ------------------------------------------------------------------------
> > > Yahoo! Groups Links
> > >
> > > * To visit your group on the web, go to:
> > >
> > http://groups.yahoo.com/group/TS-850_450_690/
> > >
> > > * To unsubscribe from this group, send an
> > email to:
> > > TS-850_450_690-unsubscribe@yahoogroups.com

> > >
> >
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> > >
> > > * Your use of Yahoo! Groups is subject to the
> > Yahoo! Terms of
> > > Service <http://docs.yahoo.com/info/terms/>.
> > >
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> > [Non-text portions of this message have been
> > removed]
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>
> Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in
> resistors...
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> ---------------------------------
> Do you Yahoo!?
> Take Yahoo! Mail with you! Get it on your mobile phone.
> http://mobile.yahoo.com/maildemo
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
> ------------------------------------------------------------------------
> Yahoo! Groups Links
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> * To visit your group on the web, go to:
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> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
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> Service <http://docs.yahoo.com/info/terms/>.

>
>
>---------------------------------------------------------------------
>
>No virus found in this incoming message.
>Checked by AVG Anti-Virus.
>Version: 7.0.300 / Virus Database: 265.8.5 - Release Date: 2/3/2005
>
>

---

No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.300 / Virus Database: 265.8.5 - Release Date: 2/3/2005

[Non-text portions of this message have been removed]

# 2880. RE: [TS-850_450_690] TS-450S FREQUENCY PROBLEM

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-07 21:51:29 UTC
From: Ronnie Bass
Topic: 2870  Message: 2880

can any body tell me how to get the ts-450s back on frequency i try the tc5 and i cant find it know were then somebody said tc1 and it didnt work either so does anybody know its not much off but i want to get it back on so the frequency counter look good thank you please help me anybody.....

ERNEST T BASS

[Non-text portions of this message have been removed]

# 2881. using TS-850S with Centaur

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-07 22:37:23 UTC
From: Gary Tuck
Topic: 2881  Message: 2881

Has anyone used the 850 with a Ten Tec Centaur linear amp? In reading the Centaur manual, I am rather confused about how the interface might work. I am assuming that it would not be a full QSK implementation like it would be with another TT rig, but even working semi break in on CW has me confused.

Thanks, Gary W7TEA

# 2882. Re: [TS-850_450_690] TS850 Remote

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-08 04:23:19 UTC
From: ve3wej
Topic: 2860  Message: 2882

The pin outs of the radio remote are in my manual, I can scan and email to
you if you still need it....

I would have to do it off list or upload to the files area. whichever is
easier for you, Paul

Ve3wej/Ve3ie
Dave Garber
( ve3wej@... or ve3ie@... )

----- Original Message -----
From: "paul spiteri" <paul1372001@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, February 07, 2005 8:47 AM
Subject: [TS-850_450_690] TS850 Remote

>
> Hi all,
> Can someone please tell me if this is the correct
> wiring of the remote connector of a TS850S ??
> I wanna connect it to a Kenwood TL-922A.
>
> Remote Pin 5 RL to TL922A Red cable
> Remote Pin 6 ALC to TL922A Black cable
> Ground with jack base
>
> 73's de'
> 9H1SP
> Paul
>
>
>
>
> _____
> Do you Yahoo!?
> Take Yahoo! Mail with you! Get it on your mobile phone.
> http://mobile.yahoo.com/maildemo
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 2883. Looking for info on TS850 VCO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-08 09:27:18 UTC
From: Ron Meiring
Topic: 2883  Message: 2883

Hi

I wonder could any one help me with the schematics of the TS850 VCO.
I looked at the service manual, but all I could find was a black box.

Would appriaciate if one could mail me the info.
I am looking at modifing the VCO, and make a quiter receiver with a
better dynamic range.

Thanks
Ron VK6KDD

--
No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.300 / Virus Database: 265.8.5 - Release Date: 3/02/2005

# 2884. Am I NUTS ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-09 22:57:49 UTC
From: Mike
Topic: 2884  Message: 2884

I have a TS-850SAT in the shack and love it. I have a TS-50 in the mobile and I like it BUT it shure isn't a 850. I just did some measurements and the TS-850 will fit nicely mounted to the front of the center console of my F-150. I'm thinking...What the heck! Get another 850(Maybe a "s" version with a few scratches etc. on the "cheaper"side) and mount it mobile. I only drive the F-150 on my days off and the rest of the time it's parked at work in a secured/alarmed impound lot. Where I park is very near some trees and I've stepped it off and it would be easy to string a (260ft+/-) 160M dipole 40-50ft.in the trees and bring the feedline straight down to where I park the truck. Add a tuner and I'll have a HF rig to play with when hanging around the shop between calls. Is this a crazy idea? Any problems having a 850 mobile?

# 2885. Re: [TS-850_450_690] Am I NUTS ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-10 00:03:25 UTC
From: Paul Manuel
Topic: 2884  Message: 2885

--- Mike <kd5vhf@...> wrote:
> I have a TS-850SAT in the shack and love it. I have a TS-50 in the
> mobile and I like it BUT it shure isn't a 850. I just did some
> measurements and the TS-850 will fit nicely mounted to the front of
> the center console of my F-150. I'm thinking...What the heck! Get
> another 850(Maybe a "s" version with a few scratches etc. on
> the "cheaper"side) and mount it mobile.

Think about how great it would be to have one in your truck with the tuner built-in. That would be awesome!
Maybe someone could comment on how good the noise blanker is in a mobile environment...?
73,
Paul K4PDM

_____
Do you Yahoo!?
Yahoo! Mail - Helps protect you from nasty viruses.
http://promotions.yahoo.com/new_mail

# 2886. ts 850 serial numbers

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-10 01:58:15 UTC
From: ft920yaesu1997
Topic: 2886  Message: 2886

I am looking for a TS 850
I was just wondering about the serial numbers and years
Were there bad ones ?
any help would be appreciated
Thanks
N9SZC

# 2887. Re: [TS-850_450_690] ts 850 serial numbers

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-10 03:05:05 UTC
From: Bill Maddock
Topic: 2886  Message: 2887

I have heard that it doesn't make a lot of difference - But it's suppose to be serial number say 50 mil - 2 years = 93 40 Mil - 2 yrs = 92 - I just bought my second radio! my first was a 50 mil I bought in 10/93 and my second TS-850S - was a 40 Mil serial and the original sales recept says 2/28/93. The original owner of my 2nd radio said had to send it back to Kenwood about 4 yrs ago for a reciever problem - which is fixed - I am working
60 meters on it right now! It's a great radio - More important than serial to me is how it was kept up! As a whole the TS-850S radios are really pretty dependable! With INRAD filters the reciever is awesome! Although stock kenwood audio is just wonderful!

Bottom line if the rig is clean - hopefully nonsmoker owned, and works - buy it!

I will probably be using mine for quite some time and I'm a contestor!

73 and God Bless!

Bill Maddock N4ZI

ft920yaesu1997 <ft920yaesu1997@...> wrote:

I am looking for a TS 850
I was just wondering about the serial numbers and years
Were there bad ones ?
any help would be appreciated
Thanks
N9SZC

THANKS FOR USING TS-850_450_690@...

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document.write('');

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[Non-text portions of this message have been removed]

# 2888. TS850 reset itself

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-10 12:55:40 UTC
From: johnalexan
Topic: 2888  Message: 2888

My TS850 appears to have reset itself to factory defaults.
The 'last' frequency on each band was reset to the bottom of the band.
The control usage changed.

Any warnings as to why it may have done so?
I know you can perform a reset, but I haven't been into the menu for
months.

Just wondering if there is something I need to look into/repair?
Thanks
John A

# 2889. Re: [TS-850_450_690] TS850 reset itself

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-10 13:11:18 UTC
From: Bill Maddock
Topic: 2888  Message: 2889

I am guessing - but your batteries may need to be replaced!

73,

Bill N4ZI

johnalexan <JohnAlexan@...> wrote:

My TS850 appears to have reset itself to factory defaults.
The 'last' frequency on each band was reset to the bottom of the band.
The control usage changed.

Any warnings as to why it may have done so?
I know you can perform a reset, but I haven't been into the menu for
months.

Just wondering if there is something I need to look into/repair?
Thanks
John A

THANKS FOR USING TS-850_450_690@...

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---
Do you Yahoo!?
Yahoo! Search presents - Jib Jab's 'Second Term'

[Non-text portions of this message have been removed]

# 2890. Re: [TS-850_450_690] Am I NUTS ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-10 13:22:32 UTC
From: Bill K0ZL
Topic: 2884  Message: 2890

the 850 works great in mobile environment. However the
display is easy to wash out in sunlight. You will NOT
like that, compared to the ts-50.

What is lacking in the TS-50? Perhaps a good
noise-processing speaker would help.

bill

--- Paul Manuel <k4pdm@...> wrote:

>
> --- Mike <kd5vhf@...> wrote:
> > I have a TS-850SAT in the shack and love it. I
> have a TS-50 in the
> > mobile and I like it BUT it shure isn't a 850. I
> just did some
> > measurements and the TS-850 will fit nicely
> mounted to the front of
> > the center console of my F-150. I'm
> thinking...What the heck! Get
> > another 850(Maybe a "s" version with a few
> scratches etc. on
> > the "cheaper"side) and mount it mobile.
>
> Think about how great it would be to have one in
> your truck with the tuner
> built-in. That would be awesome!
> Maybe someone could comment on how good the noise
> blanker is in a mobile
> environment...?
> 73,
> Paul K4PDM
>
>
>
> _____
> Do you Yahoo!?
> Yahoo! Mail - Helps protect you from nasty viruses.
> http://promotions.yahoo.com/new_mail
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

---------------------------------
Do you Yahoo!?
Read only the mail you want - Yahoo! Mail SpamGuard.
http://promotions.yahoo.com/new_mail

# 2891. Re: [TS-850_450_690] ts 850 serial numbers

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-10 13:37:44 UTC
From: Bill K0ZL
Topic: 2886  Message: 2891

NO bad ones, and have not seen huge amount of kluges
on the later numbers. Don't worry about buying a low
number unit; the mods we do fixes 'em all up nicely.

DDS chips are a scattered problem here and there, but
not endemic.

bill

--- ft920yaesu1997 <ft920yaesu1997@...> wrote:

>
> I am looking for a TS 850
> I was just wondering about the serial numbers and
> years
> Were there bad ones ?
> any help would be appreciated
> Thanks
> N9SZC
>
>
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

---------------------------------
Do you Yahoo!?
Yahoo! Mail - You care about security. So do we.
http://promotions.yahoo.com/new_mail

# 2892. TS-450S VFO Tuning Procedure

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-10 14:03:06 UTC
From: Frank Wegori
Topic: 2892  Message: 2892

Greetings to all! I would like to be able to rotate the tuning knob in either direction on my TS-450S, and advance along the frequency of the band, but can't do it.

Punching the M/V button changes the designation in the upper r.h. corner of the window to "RX/TX A". A 5 MHZ frequency is displayed but turning the tuning knob does not change that frequency at all. If I am in the M.CH mode and a memory frequency is displayed, any movement of the tuning knob to the left causes the frequency to revert to that 5 MHz frequency. As in most of my encounters, operator error is usually the case, but reading the docs etc., has not cured the problem. Menu Number 14 is ON.

Could some kind soul please step me through the procedure for getting to the point of being able to use the tuning knob? Thanks a million!
73 Frank

# 2893. Re: [TS-850_450_690] TS850 reset itself

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-10 14:07:38 UTC
From: Bill K0ZL
Topic: 2888  Message: 2893

Time for a new battery.

Master reset is to hold A=B and then power on.

Battery is W09-0514-05, or do a 3V batt-kluge.

bill

--- johnalexan <JohnAlexan@...> wrote:

>
> My TS850 appears to have reset itself to factory
> defaults.
> The 'last' frequency on each band was reset to the
> bottom of the band.
> The control usage changed.
>
> Any warnings as to why it may have done so?
> I know you can perform a reset, but I haven't been
> into the menu for
> months.
>
> Just wondering if there is something I need to look
> into/repair?
> Thanks
> John A
>
>
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

_____
Do you Yahoo!?
Yahoo! Mail - Helps protect you from nasty viruses.
http://promotions.yahoo.com/new_mail

# 2894. Re: [TS-850_450_690] TS-450S VFO Tuning Procedure

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-10 19:18:35 UTC
From: Bill K0ZL
Topic: 2892  Message: 2894

Frank, I presume you have tried master reset? (a=b,
power on).

Could be bad memory battery has made it think it's a
PCM for a Subaru or something.

bill

--- Frank Wegori <aar5ng@...> wrote:

>
> Greetings to all! I would like to be able to rotate
> the tuning knob
> in either direction on my TS-450S, and advance along
> the frequency of
> the band, but can't do it.
>
> Punching the M/V button changes the designation in
> the upper r.h.
> corner of the window to "RX/TX A". A 5 MHZ
> frequency is displayed
> but turning the tuning knob does not change that
> frequency at all.
> If I am in the M.CH mode and a memory frequency is
> displayed, any
> movement of the tuning knob to the left causes the
> frequency to
> revert to that 5 MHz frequency. As in most of my
> encounters, operator
> error is usually the case, but reading the docs
> etc., has not cured
> the problem. Menu Number 14 is ON.
>
> Could some kind soul please step me through the
> procedure for getting
> to the point of being able to use the tuning knob?
> Thanks a million!
> 73 Frank
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>

> TS-850_450_690-unsubscribe@yahoogroups.com
>
>
>
>
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

---------------------------------
Do you Yahoo!?
Yahoo! Mail - Easier than ever with enhanced search. Learn more.
http://info.mail.yahoo.com/mail_250

# 2895. Re: [TS-850_450_690] TS-450S VFO Tuning Procedure

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-10 19:34:14 UTC
From: Frank Wegori
Topic: 2892  Message: 2895

Bill,
Thanks. I have not tried that. I assume that would mean I'd lose
all my stored frequencies? No problem, just have to transcribe them
all beforehand.
Frank

----- Original Message -----
From: "Bill K0ZL" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, February 10, 2005 2:18 PM
Subject: Re: [TS-850_450_690] TS-450S VFO Tuning Procedure

>
> Frank, I presume you have tried master reset? (a=b,
> power on).
>
> Could be bad memory battery has made it think it's a
> PCM for a Subaru or something.
>
> bill
>

# 2896. Re: [TS-850_450_690] TS-450S VFO Tuning Procedure

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-10 20:22:34 UTC
From: Zack Widup
Topic: 2892  Message: 2896

I have a program I got somewhere called KENTROL (version 5.2 I think). The version I have is a demo version which has most functions enabled except a few having to do with transmit.

It probably works with the TS-450. I know it works great with the TS-440 and TS-850. It has a feature of downloading all of your stored memories into the computer and naming the file whatever you want, then later uploading the memories back into the rig. I've used it to store different sets of memories as "banks" and then loading them into the rig when I want to use that particular set.

73, Zack W9SZ

On Thu, 10 Feb 2005, Frank Wegori wrote:

> 
> Bill,
> Thanks. I have not tried that. I assume that would mean I'd lose
> all my stored frequencies? No problem, just have to transcribe them
> all beforehand.
> Frank
> 

# 2897. Looking for AT850 antenna tuner for TS-850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-10 22:57:32 UTC
From: Bill Maddock
Topic: 2897  Message: 2897

Hi,

I'm looking for Kenwood AT850 antenna tuner for TS850S - If you know where one is at please email me with particulars and price! This is the internal unit.

Thanks and 73,

Bill N4ZI Atoka, TN

---

Do you Yahoo!?
Yahoo! Mail - 250MB free storage. Do more. Manage less.

[Non-text portions of this message have been removed]

# 2898. Re: [TS-850_450_690] TS-450S VFO Tuning Procedure

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-10 21:54:34 UTC
From: Frank Wegori
Topic: 2892  Message: 2898

Thanks Zack. That would be really convenient.
I'll try tracking it down. Much obliged.
73,
Frank/WD8NIK

----- Original Message -----
From: "Zack Widup" <w9sz@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, February 10, 2005 3:22 PM
Subject: Re: [TS-850_450_690] TS-450S VFO Tuning Procedure

I have a program I got somewhere called KENTROL (version 5.2 I
think). The
version I have is a demo version which has most functions enabled
except a
few having to do with transmit.

It probably works with the TS-450. I know it works great with the
TS-440
and TS-850. It has a feature of downloading all of your stored
memories
into the computer and naming the file whatever you want, then later
uploading the memories back into the rig. I've used it to store
different
sets of memories as "banks" and then loading them into the rig when I
want
to use that particular set.

73, Zack W9SZ

On Thu, 10 Feb 2005, Frank Wegori wrote:

>
> Bill,
> Thanks. I have not tried that. I assume that would mean I'd lose
> all my stored frequencies? No problem, just have to transcribe
> them
> all beforehand.
> Frank
>

------------------------ Yahoo! Groups

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 2899. Re: [TS-850_450_690] TS-450S VFO Tuning Procedure

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-10 23:38:34 UTC
From: Zack Widup
Topic: 2892  Message: 2899

I will look over it and if it's OK to do, I will put it in the files for
the group.

73, Zack W9SZ

On Thu, 10 Feb 2005, Frank Wegori wrote:

>
> Thanks Zack. That would be really convenient.
> I'll try tracking it down. Much obliged.
> 73,
> Frank/WD8NIK
>

# 2900. Re: [TS-850_450_690] Looking for info on TS850 VCO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-11 01:19:38 UTC
From: Steve Beveridge
Topic: 2883  Message: 2900

Hi Ron,

Saw your e-mail on the reflector and was looking for a response. Haven't sighted anything thus far.

I assume that the VCO is on the PLL board. I can see VCO2 (X58-3390-03) and VCO1-A, VCO1-B, VCO1-C and VCO1-D (4 FETS) on p160 of my service manual as discrete components. Any help?

Ron, have you change e-mail address? Your bigpond address bounced! Contact me off the reflector at steve.b@...

Cheers
Steve
VK2XWL

Hi

I wonder could any one help me with the schematics of the TS850 VCO.
I looked at the service manual, but all I could find was a black box.

Would appriaciate if one could mail me the info.
I am looking at modifing the VCO, and make a quiter receiver with a better dynamic range.

Thanks
Ron VK6KDD

[Non-text portions of this message have been removed]

# 2901. Re: Am I NUTS ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-11 03:41:40 UTC
From: Mike
Topic: 2884  Message: 2901

--- Bill K0ZL wrote:
> What is lacking in the TS-50? Perhaps a good
> noise-processing speaker would help.
The TS-50 is nice no dought. It could stand a little tighter filter (I understand this is a pain to change). Basicly I'm in love with the slope tune. I've yet to use a rig I like better than the 850/940/950 because of the slope tune. The Orion,ProII's,FT-1000's, Harris etc. just dont come close.Well the Orion is "fairly" close but still not as good, much more complicated to do and at a bigger loss of audio quality. I haven't played with the ProIII or 7800 yet but I seriously dought either one is any better.

# 2902. Re: [TS-850_450_690] TS-450S VFO Tuning Procedure

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-11 04:20:19 UTC
From: Bill K0ZL
Topic: 2892  Message: 2902

Yes, all memories are erased with master reset; but
the reset is necessary to rule out I/O chip problems,
etc.

bill

--- Frank Wegori <aar5ng@...> wrote:

> Bill,
> Thanks. I have not tried that. I assume that would
> mean I'd lose
> all my stored frequencies? No problem, just have to
> transcribe them
> all beforehand.
> Frank
>
> ----- Original Message -----
> From: "Bill K0ZL" <coorsbill@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Thursday, February 10, 2005 2:18 PM
> Subject: Re: [TS-850_450_690] TS-450S VFO Tuning
> Procedure
>
>
> > Frank, I presume you have tried master reset?
> (a=b,
> > power on).
> >
> > Could be bad memory battery has made it think it's
> a
> > PCM for a Subaru or something.
> >
> > bill
> >
>
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

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Do you Yahoo!?
Yahoo! Mail - Find what you need with new enhanced search.

http://info.mail.yahoo.com/mail_250

# 2903. Re: [TS-850_450_690] TS-450S VFO Tuning Procedure

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-11 12:15:42 UTC
From: Bill K0ZL
Topic: 2892  Message: 2903

Any files that are helpful to the group are welcome in
the FILES section.

We have a measily 25meg limit by Yahoo so for big
files we need to use RUBE, the FTP server so
graciously made available for our use by Larry,
KC7QJO.

We have a Yahoo group for RUBE which has a good FAQ in
the FILES section that explains how to use RUBE.

http://groups.yahoo.com/group/HAMFTP/

It is a moderated group so allow some time to be
approved. All hams are welcome.

FTP is an old technology, pre-dating the World-Wide
Web as such, but it still works extremely well.

73 all,

Bill

--- Zack Widup <w9sz@...> wrote:

> I will look over it and if it's OK to do, I will put
> it in the files for
> the group.
>
> 73, Zack W9SZ
>
>
> On Thu, 10 Feb 2005, Frank Wegori wrote:
>
> >
> > Thanks Zack. That would be really convenient.
> > I'll try tracking it down. Much obliged.
> > 73,
> > Frank/WD8NIK
> >
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

_____
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http://my.yahoo.com

# 2904. Kentrol

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-11 15:08:33 UTC
From: Zack Widup
Topic: 2892  Message: 2904

Thanks, Bill.

I made a directory in the Files section called KENTROL and uploaded Kentrol 5.2 into it. The program allows you to control most functions of the radio as-is. It allows you to upload or download the memories into the radio and files on your computer. You can have several files of memories and change them by loading the new file into the radio.

The program is a zipped file and is about 500 kb in size.

Have fun with it!

73, Zack W9SZ

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Any files that are helpful to the group are welcome in
> the FILES section.
>

# 2905. Re: [TS-850_450_690] TS-450S VFO Tuning Procedure

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-11 17:37:29 UTC
From: Frank Wegori
Topic: 2892  Message: 2905

Thanks Bill, Zack and all.
The reset did the trick. Now back among the living hi.
73,
Frank (a.k.a. Ex-Subaru pilot)

----- Original Message -----
From: "Bill K0ZL" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, February 10, 2005 2:18 PM
Subject: Re: [TS-850_450_690] TS-450S VFO Tuning Procedure

>
> Frank, I presume you have tried master reset? (a=b,
> power on).
>
> Could be bad memory battery has made it think it's a
> PCM for a Subaru or something.
>
> bill

# 2906. Re: [TS-850_450_690] Kentrol

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-11 21:32:44 UTC
From: Bill K0ZL
Topic: 2892  Message: 2906

Thanks Zack!

Will also upload to RUBE. Y'all know RUBE, dontcha?

bill

--- Zack Widup <w9sz@...> wrote:

>
> Thanks, Bill.
>
> I made a directory in the Files section called
> KENTROL and uploaded
> Kentrol 5.2 into it. The program allows you to
> control most
> functions of the radio as-is. It allows you to
> upload or download
> the memories into the radio and files on your
> computer. You can have
> several files of memories and change them by loading
> the new file
> into the radio.
>
> The program is a zipped file and is about 500 kb in
> size.
>
> Have fun with it!
>
> 73, Zack W9SZ
>
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
> > Any files that are helpful to the group are
> welcome in
> > the FILES section.
> >
>
>
>
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

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Do you Yahoo!?
Yahoo! Mail - 250MB free storage. Do more. Manage less.
http://info.mail.yahoo.com/mail_250

# 2907. Re: [TS-850_450_690] Kentrol

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-11 21:34:15 UTC
From: Bill K0ZL
Topic: 2892  Message: 2907

"504Kb in 2 sec".. man I love cable internet! hi...

thanks again

b

--- Zack Widup <w9sz@...> wrote:

>
> Thanks, Bill.
>
> I made a directory in the Files section called
> KENTROL and uploaded
> Kentrol 5.2 into it. The program allows you to
> control most
> functions of the radio as-is. It allows you to
> upload or download
> the memories into the radio and files on your
> computer. You can have
> several files of memories and change them by loading
> the new file
> into the radio.
>
> The program is a zipped file and is about 500 kb in
> size.
>
> Have fun with it!
>
> 73, Zack W9SZ
>
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
> > Any files that are helpful to the group are
> welcome in
> > the FILES section.
> >
>
>
>
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

---
Do you Yahoo!?
Yahoo! Mail - You care about security. So do we.
http://promotions.yahoo.com/new_mail

# 2908. Re: [TS-850_450_690] TS-450S VFO Tuning Procedure

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-11 21:53:21 UTC
From: Bill K0ZL
Topic: 2892  Message: 2908

GREAT! Sure looked serious, didn't it?
Again, could be bad mem batt, or just a static spike
sent the processor or I/O expander chip into a frenzy.

bill

--- Frank Wegori <aar5ng@...> wrote:

> Thanks Bill, Zack and all.
> The reset did the trick. Now back among the living
> hi.
> 73,
> Frank (a.k.a. Ex-Subaru pilot)
>
>
> ----- Original Message -----
> From: "Bill K0ZL" <coorsbill@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Thursday, February 10, 2005 2:18 PM
> Subject: Re: [TS-850_450_690] TS-450S VFO Tuning
> Procedure
>
>
> > Frank, I presume you have tried master reset?
> (a=b,
> > power on).
> >
> > Could be bad memory battery has made it think it's
> a
> > PCM for a Subaru or something.
> >
> > bill
>
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

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Do you Yahoo!?
All your favorites on one personal page ? Try My Yahoo!
http://my.yahoo.com

# 2909. Re: [TS-850_450_690] Kentrol

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-11 23:19:11 UTC
From: Zack Widup
Topic: 2892  Message: 2909

I don't know what RUBE is. Is that an FTP site?

I have a feeling I should know this. :)

Zack W9SZ

On Fri, 11 Feb 2005, Bill K0ZL wrote:

>
> Thanks Zack!
>
> Will also upload to RUBE. Y'all know RUBE, dontcha?
>
> bill
>

# 2910. Re: [TS-850_450_690] Kentrol

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-12 02:55:41 UTC
From: Bill K0ZL
Topic: 2892  Message: 2910

Tsk, tsk. You don't know about RUBE?

RUBE knows about YOU! HI

Ya, RUBE is an FTP site that has been offered for our
use (graciously, of course) by Larry, KC7QJO.

I will send you an invite to our Yahoo group that will
"splain it all" (Thanks, Desi!).

73

Bill

--- Zack Widup <w9sz@...> wrote:

> I don't know what RUBE is. Is that an FTP site?
>
> I have a feeling I should know this. :)
>
> Zack W9SZ
>
>
> On Fri, 11 Feb 2005, Bill K0ZL wrote:
>
> >
> > Thanks Zack!
> >
> > Will also upload to RUBE. Y'all know RUBE,
> dontcha?
> >
> > bill
> >
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

---
Do you Yahoo!?
Take Yahoo! Mail with you! Get it on your mobile phone.
http://mobile.yahoo.com/maildemo

# 2911. Still Looking for a clean Non Smoking TS 850 or TS 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-12 18:08:46 UTC
From: ft920yaesu1997
Topic: 2911  Message: 2911

Still Looking for a clean Non Smoking TS 850 or TS 450
Thanks

# 2912. Re: [TS-850_450_690] Still Looking for a clean Non Smoking TS 850 or TS 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-12 20:46:46 UTC
From: ve3wej
Topic: 2911  Message: 2912

check the Kitchener arc swap page (ontario swap shop) prices in cdn, take off about 20% + shipping

www.kwarc.on.ca

Ve3wej/Ve3ie
Dave Garber
----- Original Message -----
From: "ft920yaesu1997" <ft920yaesu1997@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, February 12, 2005 1:08 PM
Subject: [TS-850_450_690] Still Looking for a clean Non Smoking TS 850 or TS 450

Still Looking for a clean Non Smoking TS 850 or TS 450
Thanks

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 2913. For Sale: watt/swr meter Yaesu YS-60

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-12 21:00:47 UTC
From: sjdradio
Topic: 2913  Message: 2913

YS-60 HF Wattmeter 1.6 - 60 Mhz 20/200/2000 watt ranges
PEP/RMS. Excellent shape and works as new, non-
smoking environment. $85.00 shipped.

Questions- sjdradio@...

[Non-text portions of this message have been removed]

# 2914. Re: [TS-850_450_690] BACK ON FREQUENCY

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-13 19:51:49 UTC
From: Ronnie Bass
Topic: 2911  Message: 2914

HOW do you get the kenwood ts-450s back on frequency i know there a way but you all dont know i know this is a yahoo group to tell you thing's so why dont somebody tell me i know now it's more then one VR to turn but witch one thank you let me know please
.....

ERNEST T BASS

[Non-text portions of this message have been removed]

# 2915. ts-850sat

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-13 23:28:53 UTC
From: Eric
Topic: 2915  Message: 2915

Guys,

A nice 850 just went on QRZ.com

Eric

[Non-text portions of this message have been removed]

# 2916. Re: [TS-850_450_690] BACK ON FREQUENCY

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-14 03:41:20 UTC
From: Bill K0ZL
Topic: 2911  Message: 2916

IT's TC-1 on the PLL unit, directly below the speaker.
There is a small hole in the cover over it; you may
have to remove the cover to get to it.

b

--- Ronnie Bass <bass_ronnie@...> wrote:

>
>
> HOW do you get the kenwood ts-450s back on frequency
> i know there a way but you all dont know i know this
> is a yahoo group to tell you thing's so why dont
> somebody tell me i know now it's more then one VR to
> turn but witch one thank you let me know please
> ......................
>
>
> ERNEST T BASS
>
>
> [Non-text portions of this message have been
> removed]
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>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

---
Do you Yahoo!?
Meet the all-new My Yahoo! - Try it today!
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# 2917. TS850 Remote wiring

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-14 19:56:46 UTC
From: paul spiteri
Topic: 2860  Message: 2917

Hi all,
Can someone please tell me if this is the correct
wiring of the remote connector of a TS850S ??
I wanna connect it to a Kenwood TL-922A.

Remote Pin 5 RL to TL922A Red cable
Remote Pin 6 ALC to TL922A Black cable
Ground with jack base
Still waiting for a confirmation before wiring.
Thanks and
73's de'
9H1SP
Paul

---------------------------------
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# 2918. Re: [TS-850_450_690] TS850 Remote wiring

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-15 13:22:10 UTC
From: Bill K0ZL
Topic: 2860  Message: 2918

Connect the amp key contacts to pins 2 and 4 on the
REMOTE connector. I put shield on 2 and center on 4 of
the small coax that goes to the amp. It doesn't matter
which is which, 2 and 4 and the NO contacts on the TR
remote relay for transmit.

ALC works on Pin 6 against ground.

I don't recommend using ALC with the TL-922; you will
not overdrive the tubes from the 850 and ALC in any
case is too slow to prevent buckshot from excessive
voice peaks. It's better to limit your transceiver
power to whatever the 3-500z tubes can handle when
properly loaded. You can exceed the grid current
limits by a small margin on voice peaks and not have a
problem.

Bill K0ZL

--- paul spiteri <paul13720001@...> wrote:

> Hi all,
> Can someone please tell me if this is the
> correct
> wiring of the remote connector of a TS850S ??
> I wanna connect it to a Kenwood TL-922A.
>
> Remote Pin 5 RL to TL922A Red cable
> Remote Pin 6 ALC to TL922A Black cable
> Ground with jack base
> Still waiting for a confirmation before wiring.
> Thanks and
> 73's de'
> 9H1SP
> Paul
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> _____
> Do you Yahoo!?
> Meet the all-new My Yahoo! - Try it today!
> http://my.yahoo.com
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>

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Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

_____
Do you Yahoo!?
The all-new My Yahoo! - What will yours do?
http://my.yahoo.com

# 2919. TS-850 vs TS-480

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-15 18:25:44 UTC
From: merckxist
Topic: 2919  Message: 2919

Maybe this is the wrong place to ask, but has anyone on this group used the TS-480, in either version, and how did it compare with the 850?I'm kind of interested in the high power, 200w, version of the 480.

Al
KJ5GT

# 2920. Rig comparison

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-15 18:44:47 UTC
From: Mike,W8KRR
Topic: 2920  Message: 2920

I'd like to see a comparison of the 480/850 also. Maybe include the K2?
Mike

# 2921. Re: [TS-850_450_690] TS-850 vs TS-480

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-15 22:42:18 UTC
From: Bill K0ZL
Topic: 2919  Message: 2921

The 480 was every bit as good as the 850 in my
opinion.

Have had three in here for filter installs and 60M TX
mods, none have broken yet. Still waiting for first
repair job...

bill

--- merckxist <kj5gt@...> wrote:

>
> Maybe this is the wrong place to ask, but has anyone
> on this group
> used the TS-480, in either version, and how did it
> compare with the
> 850?I'm kind of interested in the high power, 200w,
> version of the
> 480.
>
> Al
> KJ5GT
>
>
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

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http://promotions.yahoo.com/new_mail

# 2922. Is there that much difference between a ts 450 and a ts 850????

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-17 00:06:13 UTC
From: ft920yaesu1997
Topic: 2922  Message: 2922

Is there that much difference between a ts 450 and a ts 850????

# 2923. Re: [TS-850_450_690] Is there that much difference between a ts 450 and a ts 850????

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-17 00:19:44 UTC
From: Bill K0ZL
Topic: 2922  Message: 2923

Not really.

850 has built-in keyer, 450 doesn't.

850 has slope tuning (you can slide 2 different
passbands against each other) whereas the 450 has only
IF shift.

850 has voice and memory keyer options available, the
450 doesn't I think.

There are some minor internal differences that don't
really make a whit of difference to the average ham.

I have both and like them both.

Same filters fit both, and you can install dual narrow
filters in the 450 as with the 850.

450 is smaller of course, but much of the 850 internal
space is air.

bill

--- ft920yaesu1997 <ft920yaesu1997@...> wrote:

>
> Is there that much difference between a ts 450 and a
> ts 850????
>
>
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

_____
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http://my.yahoo.com

# 2924. TS-850 Transmit Filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-17 01:45:21 UTC
From: kb8nty
Topic: 2924  Message: 2924

Looking for help from the group.

Regarding the TS-850 reporting one being able to transmit through and being able to change the filters.

Does this work and if so may someone explain the process relating to both CW and SSB.

Would there be a difference in the transmitted signal?

I have not seen much on this subject, maybe I have misunderstood?

Thank you all on the group, I appreciate all your help as I begin to understand all the features on my 850!

With Regards,
Ross

# 2925. FOR SALE- DBX COMPRESSOR/LIMITER/GATE

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-17 04:15:54 UTC
From: sjdradio
Topic: 2925  Message: 2925

I have a mint condition DBX model 1066 professional 2 channel compressor/ limiter/gate for sale....$250 plus s/h in conus. this unit runs about $400 brand new.... great unit for the audiophile looking for control of the transmit audio . scott N6RRV sjdradio@...

[Non-text portions of this message have been removed]

# 2926. Re: TS-850 vs TS-480

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-17 13:36:19 UTC
From: Sergio Potes
Topic: 2919  Message: 2926

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> >
> > Have used both and they are very good radios. If you read the
reviews from QST and CQ you will notice that the TS-850 is rated as
one of the best receivers made! plus one of the best audios and them
excellent qsk for cw. I have an Orion and I am very happy with the
radio but I notice that the TS-850 receives everything the Orion
does for less money. Get a TS-850 is a great radio!
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> _____
> Do you Yahoo!?
> Yahoo! Mail - Helps protect you from nasty viruses.
> http://promotions.yahoo.com/new_mail

# 2927. Re: [TS-850_450_690] Is there that much difference between a ts 450 and a ts 850????

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-17 14:18:22 UTC
From: Paul Manuel
Topic: 2922  Message: 2927

--- Bill K0ZL <coorsbill@...> wrote:
> Not really.
> 850 has built-in keyer, 450 doesn't.
> 850 has slope tuning (you can slide 2 different
> passbands against each other) whereas the 450 has only
> IF shift.
> 850 has voice and memory keyer options available, the
> 450 doesn't I think.
> There are some minor internal differences that don't
> really make a whit of difference to the average ham.

Bill, don't forget that QST tested the 850 as one of the top receivers
ever in dynamic range, better even than most of today's state-of-the-art.
The 450 did not come in at that level.
73,
Paul K4PDM

---------------------------------
Do you Yahoo!?
Take Yahoo! Mail with you! Get it on your mobile phone.
http://mobile.yahoo.com/maildemo

# 2928. Re: [TS-850_450_690] Is there that much difference between a ts 450 and a ts 850????

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-17 15:16:38 UTC
From: Bill K0ZL
Topic: 2922  Message: 2928

Thanks Paul, understand.

However, I stand by my statement that "it doesn't make
a difference to the average ham", this being a
subjective statement, and I am an average ham. I have
both radios and honestly, with my wire antennas,
cannot tell the difference between the receivers when
using equivalent filters, preamp settings, etc.

b

--- Paul Manuel <k4pdm@...> wrote:

>
> --- Bill K0ZL <coorsbill@...> wrote:
> ...
> > There are some minor internal differences that
> don't
> > really make a whit of difference to the average
> ham.
>
> Bill, don't forget that QST tested the 850 as one of
> the top receivers
> ever in dynamic range, better even than most of
> today's state-of-the-art.
> The 450 did not come in at that level.
> 73,
> Paul K4PDM
>
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> _____
> Do you Yahoo!?
> Take Yahoo! Mail with you! Get it on your mobile
> phone.
> http://mobile.yahoo.com/maildemo
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Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

_____
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All your favorites on one personal page ? Try My Yahoo!

http://my.yahoo.com

# 2929. Re: [TS-850_450_690] Is there that much difference between a ts 450 and a ts 850????

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-17 05:57:52 UTC
From: Jeffrey Weiss
Topic: 2922  Message: 2929

My subjectuve observation is that on 75M in the morning, with w wire antenna, I can hear the other guys on the net FAR better than they can hear me with my 100W.

Except for the other guy in town with an 850 ;-)

My feeling is that the 850's receiver is darn good. Dare I say better than the HW-101 and Eico 753 it replaced!

Which is, of course, the reason I purchased one used a few years ago when I had the money. DSP in the IF would be neat, but overall it's a well-built rig!

Jeffrey
K9UTC

On Thu, Feb 17, 2005 at 07:16:38AM -0800, Bill K0ZL wrote:
>
> Thanks Paul, understand.
>
> However, I stand by my statement that "it doesn't make
> a difference to the average ham", this being a
> subjective statement, and I am an average ham. I have
> both radios and honestly, with my wire antennas,
> cannot tell the difference between the receivers when
> using equivalent filters, preamp settings, etc.
>
> b
>
> --- Paul Manuel <k4pdm@...> wrote:
>
> >
> > --- Bill K0ZL <coorsbill@...> wrote:
> > ...
> > > There are some minor internal differences that
> > don't
> > > really make a whit of difference to the average
> > ham.
> > >
> > Bill, don't forget that QST tested the 850 as one of
> > the top receivers
> > ever in dynamic range, better even than most of
> > today's state-of-the-art.
> > The 450 did not come in at that level.
> > 73,
> > Paul K4PDM
> >

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> > _____
> > Do you Yahoo!?
> > Take Yahoo! Mail with you! Get it on your mobile
> > phone.
> > http://mobile.yahoo.com/maildemo
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> Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...
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> Do you Yahoo!?
> All your favorites on one personal page ? Try My Yahoo!
> http://my.yahoo.com
>
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 2930. Re: [TS-850_450_690] Is there that much difference between a ts 450 and a ts 850????

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-17 19:30:22 UTC
From: Eric
Topic: 2922  Message: 2930

You can have DSP in the IF if you find and buy the optional (for ts-850, 450, 690) DSP-100.

Kenwood was one of the first I believe to offer dsp(?)

Eric

----- Original Message -----
From: "Jeffrey Weiss" <weiss@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, February 16, 2005 11:57 PM
Subject: Re: [TS-850_450_690] Is there that much difference between a ts 450 and a ts 850????

>
> My subjectuve observation is that on 75M in the morning, with w wire
> antenna, I can hear
> the other guys on the net FAR better than they can hear me with my 100W.
>
> Except for the other guy in town with an 850 ;-)
>
> My feeling is that the 850's receiver is darn good. Dare I say better than
> the
> HW-101 and Eico 753 it replaced!
>
> Which is, of course, the reason I purchased one used a few years ago when
> I had the money. DSP in the IF would be neat, but overall it's a
> well-built rig!
>
> Jeffrey
> K9UTC
>
> On Thu, Feb 17, 2005 at 07:16:38AM -0800, Bill K0ZL wrote:
>>
>> Thanks Paul, understand.
>>
>> However, I stand by my statement that "it doesn't make
>> a difference to the average ham", this being a
>> subjective statement, and I am an average ham. I have
>> both radios and honestly, with my wire antennas,
>> cannot tell the difference between the receivers when
>> using equivalent filters, preamp settings, etc.
>>
>> b
>>

>> --- Paul Manuel <k4pdm@...> wrote:
>>
>> >
>> > --- Bill K0ZL <coorsbill@...> wrote:
>> > ...
>> > > There are some minor internal differences that
>> > don't
>> > > really make a whit of difference to the average
>> > ham.
>> > >
>> > Bill, don't forget that QST tested the 850 as one of
>> > the top receivers
>> > ever in dynamic range, better even than most of
>> > today's state-of-the-art.
>> > The 450 did not come in at that level.
>> > 73,
>> > Paul K4PDM
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>> > _____
>> > Do you Yahoo!?
>> > Take Yahoo! Mail with you! Get it on your mobile
>> > phone.
>> > http://mobile.yahoo.com/maildemo
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>> =====
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>> Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in
>> resistors...
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>> Do you Yahoo!?
>> All your favorites on one personal page ? Try My Yahoo!
>> http://my.yahoo.com
>>
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>> THANKS FOR USING TS-850_450_690@...
>> Yahoo! Groups Links
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 2931. Re: Is there that much difference between a ts 450 and a ts 850????

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-17 21:42:11 UTC
From: nm9p
Topic: 2922  Message: 2931

I'd love to have a DSP-100 .... but $$$$$$$$$$$$$$$$$$$$$$ !

Love my 850!

Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, "Eric" <kr9w@c...> wrote:
> You can have DSP in the IF if you find and buy the optional (for
ts-850,
> 450, 690) DSP-100.
>
> Kenwood was one of the first I believe to offer dsp(?)
>
> Eric
>
>
> ----- Original Message -----
> From: "Jeffrey Weiss" <weiss@t...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Wednesday, February 16, 2005 11:57 PM
> Subject: Re: [TS-850_450_690] Is there that much difference between
a ts 450
> and a ts 850????
>
>
> >
> > My subjectuve observation is that on 75M in the morning, with w wire
> > antenna, I can hear
> > the other guys on the net FAR better than they can hear me with my
100W.
> >
> > Except for the other guy in town with an 850 ;-)
> >
> > My feeling is that the 850's receiver is darn good. Dare I say
better than
> > the
> > HW-101 and Eico 753 it replaced!
> >
> > Which is, of course, the reason I purchased one used a few years
ago when
> > I had the money. DSP in the IF would be neat, but overall it's a
> > well-built rig!
> >
> > Jeffrey
> > K9UTC
> >

> > On Thu, Feb 17, 2005 at 07:16:38AM -0800, Bill K0ZL wrote:
> >>
> >> Thanks Paul, understand.
> >>
> >> However, I stand by my statement that "it doesn't make
> >> a difference to the average ham", this being a
> >> subjective statement, and I am an average ham. I have
> >> both radios and honestly, with my wire antennas,
> >> cannot tell the difference between the receivers when
> >> using equivalent filters, preamp settings, etc.
> >>
> >> b
> >>
> >> --- Paul Manuel <k4pdm@y...> wrote:
> >>
> >> >
> >> > --- Bill K0ZL <coorsbill@y...> wrote:
> >> > ...
> >> > > There are some minor internal differences that
> >> > don't
> >> > > really make a whit of difference to the average
> >> > ham.
> >> >
> >> > Bill, don't forget that QST tested the 850 as one of
> >> > the top receivers
> >> > ever in dynamic range, better even than most of
> >> > today's state-of-the-art.
> >> > The 450 did not come in at that level.
> >> > 73,
> >> > Paul K4PDM
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> >> > Do you Yahoo!?
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> >> =====
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> >> Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in
> >> resistors...
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> >> Do you Yahoo!?
> >> All your favorites on one personal page ? Try My Yahoo!
> >> http://my.yahoo.com
> >>
> >>
> >> THANKS FOR USING TS-850_450_690@Y...
> >> Yahoo! Groups Links
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> > THANKS FOR USING TS-850_450_690@Y...
> > Yahoo! Groups Links
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# 2932. Re: [TS-850_450_690] Re: Is there that much difference between a ts 450 and a ts 850????

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-17 22:19:03 UTC
From: Ron Meiring
Topic: 2922  Message: 2932

I had a DSP-100.

On receive, no difference it is more like an advanced tone control.
On TX, it makes the audio sounds better.

Overall: No big deal.
Keep the $$$$$$$$$$$$$ in your pocket.

73 Ron VK6KDD

On Thu, 17 Feb 2005 21:42:11 -0000, nm9p wrote:
>I'd love to have a DSP-100 .... but $$$$$$$$$$$$$$$$$$$$$$$$ !
>
>Love my 850!
>
>Ken - NM9P
>
>

--
No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.300 / Virus Database: 265.8.8 - Release Date: 14/02/2005

# 2933. TS-850S ROOFING FILTERS?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-18 15:29:40 UTC
From: n4zi96
Topic: 2933  Message: 2933

I am just throwing this out for thought - any one thought about a way to use the existing DSP-100 plugs to to add a roofing filter stage? Just wondering if this might be possible?

Thanks and 73,

Bill N4ZI

# 2934. Re: [TS-850_450_690] TS-850S ROOFING FILTERS?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-18 15:51:33 UTC
From: Richard A Powers
Topic: 2933  Message: 2934

OK - What is a "Roofing Filter"?

On Fri, 18 Feb 2005 15:29:40 -0000 "n4zi96" <n4zi96@...> writes:

I am just throwing this out for thought - any one thought about
a way to use the existing DSP-100 plugs to to add a roofing
filter stage? Just wondering if this might be possible?

Thanks and 73,

Bill N4ZI

THANKS FOR USING TS-850_450_690@...

Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

Have a Good Day,
Dick Powers

[Non-text portions of this message have been removed]

# 2935. Re: [TS-850_450_690] TS-850S ROOFING FILTERS?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-18 16:15:29 UTC
From: Bill Maddock
Topic: 2933  Message: 2935

A roofing filter is an additional filter that is added in the IF stage - you would want it switchable - in or out - for example a 1khz filter would give additional strong signal rejection to the existing cw filters - this helps with weak signal work or operation during times of heavy QRM as in a contesting environment - I have a 400 hz INRAD filter in my 455 khz IF and an aadtional 400 hz filter in the 8.83 MHZ IF - the TS-850s has 3 IF stages - I believe the DSP-100 adds a 4th stage. Having tighter selectivity in the 850S third stage would make a better reciever for crowded band condtions.

This is essentially what Ten Tec has done with the new Orion - which according to some excellent sources has the best IMD 3rd blocking or dynamic range for close in cw work!

Thanks and 73,

Bill N4ZI

Richard A Powers <powersharp@...> wrote:
OK - What is a "Roofing Filter"?

On Fri, 18 Feb 2005 15:29:40 -0000 "n4zi96" <n4zi96@...> writes:

I am just throwing this out for thought - any one thought about
a way to use the existing DSP-100 plugs to to add a roofing
filter stage? Just wondering if this might be possible?

Thanks and 73,

Bill N4ZI

THANKS FOR USING TS-850_450_690@...

Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

Have a Good Day,
Dick Powers

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

---

Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

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---

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[Non-text portions of this message have been removed]

# 2936. Re: [TS-850_450_690] TS-850S ROOFING FILTERS?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-18 19:55:36 UTC
From: Bill K0ZL
Topic: 2933  Message: 2936

I think in most cases a roofing filter is in the first
IF, typically at about 70-75 Mhz IF these days; and it
must have the widest bandwidth that the radio is
designed to run; in all cases that would be AM at 12
to 15 khz or more. It is typically not switchable.

The improved IMD performance at the 2nd mixer (and
beyond?) could be realized by employing a narrower
filter at the first IF (switchable would be nice) in
the "roofing filter" position, using the narrower SSB
bandwidth of less than 5 khz, typically.

This means that the radio would no longer sound as
well on AM or FM, but for most contesters and DXers
this is not an issue.

bill
--- Bill Maddock <n4zi96@...> wrote:

> A roofing filter is an additional filter that is
> added in the IF stage - you would want it
> switchable - in or out - for example a 1khz filter
> would give additional strong signal
> rejection to the existing cw filters - this helps
> with weak signal work or operation
> during times of heavy QRM as in a contesting
> environment - I have a 400 hz INRAD
> filter in my 455 khz IF and an aadtional 400 hz
> filter in the 8.83 MHZ IF - the TS-850s
> has 3 IF stages - I believe the DSP-100 adds a 4th
> stage. Having tighter selectivity
> in the 850S third stage would make a better reciever
> for crowded band condtions.
>
> This is essentially what Ten Tec has done with the
> new Orion - which according to some
> excellent sources has the best IMD 3rd blocking or
> dynamic range for close in cw work!
>
> Thanks and 73,
>
> Bill N4ZI
>
> Richard A Powers <powersharp@...> wrote:
> OK - What is a "Roofing Filter"?
>

> On Fri, 18 Feb 2005 15:29:40 -0000 "n4zi96"
> <n4zi96@...> writes:
>
>
> I am just throwing this out for thought - any one
> thought about
> a way to use the existing DSP-100 plugs to to add a
> roofing
> filter stage? Just wondering if this might be
> possible?
>
> Thanks and 73,
>
> Bill N4ZI
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> THANKS FOR USING TS-850_450_690@...
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> Yahoo! Groups Links
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> To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
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> Terms of Service.
>
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>
> Have a Good Day,
> Dick Powers
>
> [Non-text portions of this message have been
> removed]
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> THANKS FOR USING TS-850_450_690@...
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> ---
> Do you Yahoo!?
> Yahoo! Mail - Find what you need with new enhanced
> search. Learn more.
>
> [Non-text portions of this message have been
> removed]
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Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

---
Do you Yahoo!?
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http://info.mail.yahoo.com/mail_250

# 2937. Re: [TS-850_450_690] TS-850S ROOFING FILTERS?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-18 20:01:42 UTC
From: Mike,W8KRR
Topic: 2933  Message: 2937

Correct! And the TR-7 was first to use the concept!

Mike

Bill K0ZL wrote:

>I think in most cases a roofing filter is in the first
>IF, typically at about 70-75 Mhz IF these days; and it
>must have the widest bandwidth that the radio is
>designed to run; in all cases that would be AM at 12
>to 15 khz or more. It is typically not switchable.
>
>The improved IMD performance at the 2nd mixer (and
>beyond?) could be realized by employing a narrower
>filter at the first IF (switchable would be nice) in
>the "roofing filter" position, using the narrower SSB
>bandwidth of less than 5 khz, typically.
>
>This means that the radio would no longer sound as
>well on AM or FM, but for most contesters and DXers
>this is not an issue.
>
>bill
>--- Bill Maddock <n4zi96@...> wrote:
>
>
>
>>A roofing filter is an additional filter that is
>>added in the IF stage - you would want it
>>switchable - in or out - for example a 1khz filter
>>would give additional strong signal
>>rejection to the existing cw filters - this helps
>>with weak signal work or operation
>>during times of heavy QRM as in a contesting
>>environment - I have a 400 hz INRAD
>>filter in my 455 khz IF and an aadtional 400 hz
>>filter in the 8.83 MHZ IF - the TS-850s
>>has 3 IF stages - I believe the DSP-100 adds a 4th
>>stage. Having tighter selectivity
>>in the 850S third stage would make a better reciever
>>for crowded band condtions.
>>
>>This is essentially what Ten Tec has done with the
>>new Orion - which according to some
>>excellent sources has the best IMD 3rd blocking or
>>dynamic range for close in cw work!

>>
>>Thanks and 73,
>>
>>Bill N4ZI
>>
>>Richard A Powers <powersharp@...> wrote:
>>OK - What is a "Roofing Filter"?
>>
>>On Fri, 18 Feb 2005 15:29:40 -0000 "n4zi96"
>><n4zi96@...> writes:
>>
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>> Bill N4ZI
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>>Your use of Yahoo! Groups is subject to the Yahoo!
>>Terms of Service.
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>>Have a Good Day,
>>Dick Powers
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>>[Non-text portions of this message have been
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>Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...
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>Yahoo! Groups Links
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# 2938. Re: [TS-850_450_690] TS-850S ROOFING FILTERS?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-18 21:05:10 UTC
From: Bill Maddock
Topic: 2933  Message: 2938

And the question is can we access the 70 Mhz IF with the DSP interface cabling
and possibly build a switchable outboard roofing filter assembly? I don't own a
DSP-100 but obviously it ties into the existing IF's. I am just looking for a down
and dirty way to improve upon an already fantastic reciever! Maybe I need to contact
INRAD - after all they are building roofing filters for many other radios including the
TS-950SDX which has it's own built in DSP unit! Interestingly the 850S recieved
better reciever reviews than the TS-950S series!

Your comments please!!!!

73 and God Bless,

Bill Maddock N4ZI

"Mike,W8KRR" <w8krr@...> wrote:
Correct! And the TR-7 was first to use the concept!

Mike

Bill K0ZL wrote:

>I think in most cases a roofing filter is in the first
>IF, typically at about 70-75 Mhz IF these days; and it
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>This means that the radio would no longer sound as
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>
>bill
>--- Bill Maddock <n4zi96@...> wrote:
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>
>
>>A roofing filter is an additional filter that is
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>>rejection to the existing cw filters - this helps

>>with weak signal work or operation
>>during times of heavy QRM as in a contesting
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>>filter in my 455 khz IF and an aadtional 400 hz
>>filter in the 8.83 MHZ IF - the TS-850s
>>has 3 IF stages - I believe the DSP-100 adds a 4th
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>>
>>Thanks and 73,
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>>Bill N4ZI
>>
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>>Have a Good Day,
>>Dick Powers
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>http://info.mail.yahoo.com/mail_250
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

# 2939. For Sale- 220 mhz moble transc.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-19 22:36:43 UTC
From: sjdradio
Topic: 2939  Message: 2939

Anybody looking for a good 220 moble radio? i have one for sale. scott N6RRV sjdradio@...

[Non-text portions of this message have been removed]

# 2940. DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-19 23:47:11 UTC
From: VK3VIC Abe
Topic: 1072  Message: 2940

Hi All...

I have a DSP-100 which i am considering selling...I am not sure what price
they
are worth on the used market...Any ideas ?.

Abe VK3VIC

# 2941. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-19 23:49:01 UTC
From: sjdradio
Topic: 1072  Message: 2941

worth about 300 - 400 dollars

n6rrv
----- Original Message -----
From: "VK3VIC Abe" <vk3vic@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, February 19, 2005 3:47 PM
Subject: [TS-850_450_690] DSP-100

>
> Hi All...
>
> I have a DSP-100 which i am considering selling...I am not sure what price
> they
> are worth on the used market...Any ideas ?.
>
>
> Abe VK3VIC
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 2942. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-19 23:49:42 UTC
From: VK3VIC Abe
Topic: 1072  Message: 2942

Ok Thanks
----- Original Message -----
From: sjdradio
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, February 20, 2005 10:49 AM
Subject: Re: [TS-850_450_690] DSP-100

worth about 300 - 400 dollars

n6rrv
----- Original Message -----
From: "VK3VIC Abe" <vk3vic@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, February 19, 2005 3:47 PM
Subject: [TS-850_450_690] DSP-100

>
> Hi All...
>
> I have a DSP-100 which i am considering selling...I am not sure what price
> they
> are worth on the used market...Any ideas ?.
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>
> Abe VK3VIC
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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THANKS FOR USING TS-850_450_690@...

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c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 2943. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-20 00:35:14 UTC
From: VK4TUX
Topic: 1072  Message: 2943

Vic I will offer you $400 plus shipping to Qld if you are interested?

Adrian

VK4TUX
----- Original Message -----
From: VK3VIC Abe
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, February 20, 2005 9:47 AM
Subject: [TS-850_450_690] DSP-100

Hi All...

I have a DSP-100 which i am considering selling...I am not sure what price
they
are worth on the used market...Any ideas ?.

Abe VK3VIC

THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

# 2944. Re: [TS-850_450_690] For Sale- 220 mhz moble transc.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-20 01:31:13 UTC
From: Bob Snelgrove
Topic: 2939  Message: 2944

What do you have, Scott?

thx

bob

----- Original Message -----
From: "sjdradio" <sjdradio@...>
To: <hfssbaudio@yahoogroups.com>; <ic275@yahoogroups.com>; "NA1A"
<na1a@...>; <ssbaudio@yahoogroups.com>;
<TS-850_450_690@yahoogroups.com>
Sent: Saturday, February 19, 2005 2:36 PM
Subject: [TS-850_450_690] For Sale- 220 mhz moble transc.

>
> Anybody looking for a good 220 moble radio? i have one for sale. scott
N6RRV sjdradio@...
>
> [Non-text portions of this message have been removed]
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 2945. Re: [TS-850_450_690] For Sale- 220 mhz moble transc.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-20 02:20:37 UTC
From: sjdradio
Topic: 2939  Message: 2945

i have a kenwood model 331A 220 mhz. Good condition....a few minor
scratches on top,,,barely noticable.....make me an offer.....

----- Original Message -----
From: "Bob Snelgrove" <bob@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, February 19, 2005 5:31 PM
Subject: Re: [TS-850_450_690] For Sale- 220 mhz moble transc.

>
> What do you have, Scott?
>
> thx
>
> bob
>
>
> ----- Original Message -----
> From: "sjdradio" <sjdradio@...>
> To: <hfssbaudio@yahoogroups.com>; <ic275@yahoogroups.com>; "NA1A"
> <na1a@...>; <ssbaudio@yahoogroups.com>;
> <TS-850_450_690@yahoogroups.com>
> Sent: Saturday, February 19, 2005 2:36 PM
> Subject: [TS-850_450_690] For Sale- 220 mhz moble transc.
>
>
> >
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scott
> N6RRV sjdradio@...
> >
> > [Non-text portions of this message have been removed]
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> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 2946. Hello from suspended_play

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-20 15:53:34 UTC
From: suspended_play
Topic: 2946  Message: 2946

Hello everyone. I just purchased a used TS-850SAT with PS52 power supply and SP-31 speaker. No mods have been done and I don't know if battery has ever been replaced. Serial in 21 million. I am looking forward to getting on the air. Presently I am in receive mode only. Have piece of wire running alone ceiling in hallway for antenna. Will erect proper antenna in spring. Suggestions requested.

I retired 5 years ago. Purchased a 27-ft sailboat so my spring/summers are busy with that. Needed something for fall/winter. I spent 10 years with Canadian Coast Guard as Radio Operator and have my Ham license so decided to get back into radio.

As I hope to take the ts-850 along with me when I'm on the boat any suggestions to making this rig mobile would also be appreciated.

Looking foward to this group. As I'm sure I will be taking a lot from it, hope I'll be able to put a few things back in.

Dave
VE9CAP

# 2947. AT-850 connector cables

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-23 13:41:04 UTC
From: Steve Beveridge
Topic: 2947  Message: 2947

Hi - I've been a fairly quiet member of the group for a few weeks now and have been enjoying the information flow, particularly about the 850. I can now see why they command such good money on the second hand market.

I have purchased an AT-850, however it was supplied without any interface cables. Reading the 850 Service Manual hasn't help a whole lot.

Can any member of the group tell me the part # for the cables?

From the circuit board overlay, it looks as though there's two shielded cables, one flat cable with 11 connections (goes to Digital A board), one flat cable with 9 connections (goes to Filter unit) and two other cables with 3 and 2-pin connections.

If anyone can tell me the Kenwood part numbers for these cables - particularly those for the 9 and 11 pin connections - I would be most appreciative.

Regards,
Steve
VK2XWL

[Non-text portions of this message have been removed]

# 2948. TS-450S MENU NR.22, Pressing: Power ON + LSB/USB Extended Function 1 Menu.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-23 13:47:14 UTC
From: GM0VEQ & SQ5EKQ TOMAS
Topic: 2948  Message: 2948

Hi,

Would like to know what does the NR.22 in Extended Function 1 Menu do?
There are only 21 numbers in the Service Manual mentioned but
my TS-450S has got 22 of them. Can switch it to OFF or ON. Any help would
be appreciated.

TS-450S MENU NR.22, Pressing: Power ON + LSB/USB Extended Function 1 Menu.

Tomas

SQ5EKQ & GM0VEQ

http://www.geocities.com/tomazuka/

http://www.radio.org.pl/~sq5ekq/

arnold@...

edin@...

# 2949. TS850 MODS FOR 6M BAND

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-23 16:15:18 UTC
From: amicom_ro
Topic: 2949  Message: 2949

Hello

I've find on http://groups.yahoo.com/group/TS-850_450_690/files/
TS-850 Programming.doc posted by vtnn43e48073 on 07/30/2004.

Look at memory 21-29 and 99 - 6m band.

There are some mods for TS850 to work on 6 m band?
I didnt find them on internet...

Tnx in advance

Gabriel

# 2950. Re: TS850 MODS FOR 6M BAND

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-23 17:20:01 UTC
From: Bill
Topic: 2949  Message: 2950

No 6M built into the 850.

You can make the readout read 50-54 Mhz, I think the IF is then 27-30 mhz for the rig and you have to add a 6M transverter to make it go.

b

--- In TS-850_450_690@yahoogroups.com, "amicom_ro" <amicom@x> wrote:
>
> Hello
>
> I've find on http://groups.yahoo.com/group/TS-850_450_690/files/
> TS-850 Programming.doc posted by vtnn43e48073 on 07/30/2004.
>
> Look at memory 21-29 and 99 - 6m band.
>
> There are some mods for TS850 to work on 6 m band?
> I didnt find them on internet...
>
> Tnx in advance
>
> Gabriel

# 2951. (no subject)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-23 20:41:56 UTC
From: ricwip@aol.com
Topic: 2951  Message: 2951

Anyone using a Rigblaster Pro with the TS-450 in FSK mode? Would like to converse with you. Email me at: _ricwip@..._ (mailto:ricwip@...)

Thanks

Dick

WA4WIP

[Non-text portions of this message have been removed]

# 2952. LSB/USB plus Power On , NR22 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-24 05:45:24 UTC
From: tomazuka
Topic: 2952  Message: 2952

Hi,

Sorry made a mistake, should be Extended menu mode 1 , pressing LSB/USB and Power ON. There is a No. 22 in my TS-450SAT but nothing about it in the Service Manual, there are 21 in there. Does anybody know what is the No.22 about?

Tomas

# 2953. Looking for USA version DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-24 05:49:07 UTC
From: rdl014
Topic: 2953  Message: 2953

Looking for a DSP-100 unit for my TS-850. Must be 120 volt US version in excellent working condition with all cables. Would prefer that you take PayPal. Please respond to RDL014@... or AK4RL@.... TNX and 73 de Ray AK4RL

# 2954. 450 s meter readings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-25 02:25:02 UTC
From: raleigh_wise
Topic: 2954  Message: 2954

I have just gotten a "look like new" 450. Works great but the s meter reads 1.0 even when the output is connected to a dummy load. Reads fine when an antenna is connected and a signal is received but has a zero signal rest-point of 1 s unit. I tried shorting the input but the s meter still reads S 1. The RF gain is at the max , dc power at 13.3( two differen pws). Equally bothersome is that the no sig background noise is constant amd aggravating(sound like phase noise?). Questions are :1) this " relatively loud "phase noise normal" 2) why is the S meter at s1 and what ajustment and/ symptoms should I take to crrect the problem?

Thanks

W4PY

# 2955. Re: [TS-850_450_690] 450 s meter readings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-25 12:41:13 UTC
From: Bill K0ZL
Topic: 2954  Message: 2955

I have a feeling that someone "tuned up" that 450 and cranked up the IF gain setting. This is OK to do with some rigs, not ok with others.

Locate VR1 on the IF unit. This is underneath the rig, just northwest of the space for the big 455kHz IF filter option. This is the IF gain (also S meter zero) setting.

Turn it down until the no-antenna noise decreases noticeably. Note the S meter reading, and then hook up an antenna and listen around 20M during a good propagation day, or 40M at night. You should be seeing lots of S9 or ten over sigs. If the S meter reading has settled down and you are happy with the apparent sensitivity, put the covers back on and enjoy.

another way to do it is to go to ten meters when the band is "dead" and switch the antenna in and out. Adjust VR1 until the difference between no ant and ant becomes more as you would expect. Then, give a listen on the other bands as before.

While you are at it, set VR18 for 4.5 watts out to dummy load in CW or RTTY or FM mode, with CAR control up about noon and PWR control all the way CCW (min). The 450 comes out of the factory at ten watts; this adjustment will make you "legal" for the QRP contests (including low power class at Field Day).

Well while you have the rig's covers off, you can also set the reference frequency. Test it first:

Set the rig upright on the bench. Cover with a dishtowel and let it run in receive mode for about an hour. This will get it close to the same temp as with covers on.

Tune in WWV, on whatever freq they are coming in on (probably 15 Megs for you). Set the VFO display to 15.00000000000 (you get the idea). Now listen on USB and then LSB when they are transmitting a tone. The tone should be the EXACT same pitch on both modes. To confirm, switch to AM mode and listen; again, the tone should be the same exact pitch as in SSB modes.

Another MORE PRECISE way: Switch your IF filters to 12Khz on the 2nd IF and nothing showing on the first (i.e., as wide as possible). Listen in USB or LSB. You may hear a beat note when WWV is SILENT or between tones and the words of the announcer. This is your rig's frequency error! If it's more than a few hertz, you can adjust it by removing the speaker bracket and then the cover to the PLL unit. Locate TC1, upper left of the PLL unit. Should be a little ceramic trimmer. Adjust this for near zero beat (using the wide filter method) or for the WWV tones to match as closely as possible if using the tone comparison method.

Put the cover and speaker back in place and again, cover the rig with the towel and let 'er cook for about another half hour, to stabilize, and check your work. If it's still close enough (in the wide filter setting, I like to hear a "wah wah" sound no more than about 2-4 cycles per second), put the covers on the rig and enjoy!

You have just done a $59.00 tune up on your 450.

73,

Bill K0ZL

73,

Bill K0ZL

--- raleigh_wise <warrenwise@...> wrote:

>
> I have just gotten a "look like new" 450. Works
> great but the s meter
> reads 1.0 even when the output is connected to a
> dummy load. Reads
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> Questions are :1) this " relatively loud "phase
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>
> Thanks
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> W4PY
>
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>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

---
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Yahoo! Mail - Find what you need with new enhanced search.
http://info.mail.yahoo.com/mail_250

# 2956. RE: [TS-850_450_690] 450 s meter readings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-25 12:59:49 UTC
From: Roy Vickers
Topic: 2954  Message: 2956

Today

-----Original Message-----
From: Bill K0ZL [mailto:coorsbill@...]
Sent: Friday, February 25, 2005 6:41 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] 450 s meter readings

I have a feeling that someone "tuned up" that 450 and
cranked up the IF gain setting. This is OK to do with
some rigs, not ok with others.

Locate VR1 on the IF unit. This is underneath the rig,
just northwest of the space for the big 455kHz IF
filter option. This is the IF gain (also S meter zero)
setting.

Turn it down until the no-antenna noise decreases
noticeably. Note the S meter reading, and then hook up
an antenna and listen around 20M during a good
propagation day, or 40M at night. You should be seeing
lots of S9 or ten over sigs. If the S meter reading
has settled down and you are happy with the apparent
sensitivity, put the covers back on and enjoy.

another way to do it is to go to ten meters when the
band is "dead" and switch the antenna in and out.
Adjust VR1 until the difference between no ant and ant
becomes more as you would expect. Then, give a listen
on the other bands as before.

While you are at it, set VR18 for 4.5 watts out to
dummy load in CW or RTTY or FM mode, with CAR control
up about noon and PWR control all the way CCW (min).
The 450 comes out of the factory at ten watts; this
adjustment will make you "legal" for the QRP contests
(including low power class at Field Day).

Well while you have the rig's covers off, you can also
set the reference frequency. Test it first:

Set the rig upright on the bench. Cover with a
dishtowel and let it run in receive mode for about an
hour. This will get it close to the same temp as with
covers on.

Tune in WWV, on whatever freq they are coming in on (probably 15 Megs for you). Set the VFO display to 15.00000000000 (you get the idea). Now listen on USB and then LSB when they are transmitting a tone. The tone should be the EXACT same pitch on both modes. To confirm, switch to AM mode and listen; again, the tone should be the same exact pitch as in SSB modes.

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Put the cover and speaker back in place and again, cover the rig with the towel and let 'er cook for about another half hour, to stabilize, and check your work. If it's still close enough (in the wide filter setting, I like to hear a "wah wah" sound no more than about 2-4 cycles per second), put the covers on the rig and enjoy!

You have just done a $59.00 tune up on your 450.

73,

Bill K0ZL

73,

Bill K0ZL

--- raleigh_wise <warrenwise@...> wrote:

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Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in
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_____
Do you Yahoo!?
Yahoo! Mail - Find what you need with new enhanced search.
http://info.mail.yahoo.com/mail_250

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 2957. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-25 13:25:29 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 2957

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /ALIGNMENT FAQs/TS-450/Quick Alignment TS-450.pdf
Uploaded by : k0zl <coorsbill@...>
Description : Quick Adjustments Guide TS-450 de K0ZL

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/ALIGNMENT%20FAQs/TS-450/Quick%20Alignment%20TS-450.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

k0zl <coorsbill@...>

# 2958. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-25 13:25:52 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 2958

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /ALIGNMENT FAQs/TS-450/More than 100 watts.pdf
Uploaded by : k0zl <coorsbill@...>
Description : Can we get more than 100 watts? de K0ZL

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/ALIGNMENT%20FAQs/TS-450/More%20than%201
00%20watts.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

k0zl <coorsbill@...>

# 2959. Re: 450 s meter readings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-25 17:20:45 UTC
From: rick54045
Topic: 2954  Message: 2959

Hello Bill;

Great info about the TS-450 tweeks. I used the same technique to get my TS-850 on frequency.

My TS-850 puts out 100 Watts at 13.8 Vdc. When I operate Field Day, I use a deep cycle marine battery. Output power when the battery is partially discharged ( 12.3 Vdc ) is around 80 Watts. What adjustments are made to bring the power up to 100 Watts when operating from a deep cycle battery?

Thanks, Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> I have a feeling that someone "tuned up" that 450 and
> cranked up the IF gain setting. This is OK to do with
> some rigs, not ok with others.
>
> Locate VR1 on the IF unit. This is underneath the rig,
> just northwest of the space for the big 455kHz IF
> filter option. This is the IF gain (also S meter zero)
> setting.
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> Turn it down until the no-antenna noise decreases
> noticeably. Note the S meter reading, and then hook up
> an antenna and listen around 20M during a good
> propagation day, or 40M at night. You should be seeing
> lots of S9 or ten over sigs. If the S meter reading
> has settled down and you are happy with the apparent
> sensitivity, put the covers back on and enjoy.
>
> another way to do it is to go to ten meters when the
> band is "dead" and switch the antenna in and out.
> Adjust VR1 until the difference between no ant and ant
> becomes more as you would expect. Then, give a listen
> on the other bands as before.
>
> While you are at it, set VR18 for 4.5 watts out to
> dummy load in CW or RTTY or FM mode, with CAR control
> up about noon and PWR control all the way CCW (min).
> The 450 comes out of the factory at ten watts; this
> adjustment will make you "legal" for the QRP contests
> (including low power class at Field Day).
>
> Well while you have the rig's covers off, you can also

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> Set the rig upright on the bench. Cover with a
> dishtowel and let it run in receive mode for about an
> hour. This will get it close to the same temp as with
> covers on.
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> Tune in WWV, on whatever freq they are coming in on
> (probably 15 Megs for you). Set the VFO display to
> 15.00000000000 (you get the idea). Now listen on USB
> and then LSB when they are transmitting a tone. The
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> confirm, switch to AM mode and listen; again, the tone
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> (i.e., as wide as possible). Listen in USB or LSB. You
> may hear a beat note when WWV is SILENT or between
> tones and the words of the announcer. This is your
> rig's frequency error! If it's more than a few hertz,
> you can adjust it by removing the speaker bracket and
> then the cover to the PLL unit. Locate TC1, upper left
> of the PLL unit. Should be a little ceramic trimmer.
> Adjust this for near zero beat (using the wide filter
> method) or for the WWV tones to match as closely as
> possible if using the tone comparison method.
>
> Put the cover and speaker back in place and again,
> cover the rig with the towel and let 'er cook for
> about another half hour, to stabilize, and check your
> work. If it's still close enough (in the wide filter
> setting, I like to hear a "wah wah" sound no more than
> about 2-4 cycles per second), put the covers on the
> rig and enjoy!
>
> You have just done a $59.00 tune up on your 450.
>
> 73,
>
> Bill K0ZL
>

# 2960. Re: [TS-850_450_690] 450 s meter readings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-25 20:46:06 UTC
From: ve3wej
Topic: 2954  Message: 2960

attenuator on????

----- Original Message -----
From: "raleigh_wise" <warrenwise@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, February 24, 2005 9:25 PM
Subject: [TS-850_450_690] 450 s meter readings

>
>
> I have just gotten a "look like new" 450. Works great but the s meter
> reads 1.0 even when the output is connected to a dummy load. Reads
> fine when an antenna is connected and a signal is received but has a
> zero signal rest-point of 1 s unit. I tried shorting the input but
> the s meter still reads S 1. The RF gain is at the max , dc power
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> Questions are :1) this " relatively loud "phase noise normal" 2) why
> is the S meter at s1 and what ajustment and/ symptoms should I take
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> Thanks
>
> W4PY
>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>

# 2961. Re: [TS-850_450_690] Re: 450 s meter readings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-25 22:22:09 UTC
From: Bill K0ZL
Topic: 2954  Message: 2961

Eric,

Best to accept the 80 watts on the battery; you are
doing well there.

Chances are, if you cranked it up at the lower
voltage, you would run out of ALC action on 15 meters
and probably other bands as well.

Here's a rule of thumb for your battery capacity;
battery capacity in Ah should be 50 times your AVERAGE
draw on transmit, to last a contest weekend. That
means your battery bank must be at least 450
ampere-hours for the TS-850 to last all weekend,
without using a generator, in a Field day type
contest. This I have found empirically, running 1B
battery for years. The 850 draws about 8 amps average
at 100 watts on CW. I have 275Ah in the camper and
find that I need to run the generator on Sunday
morning for about 3 hours.

bill
--- rick54045 <rick54045@...> wrote:

>
> Hello Bill;
>
> Great info about the TS-450 tweeks. I used the same
> technique to get
> my TS-850 on frequency.
>
> My TS-850 puts out 100 Watts at 13.8 Vdc. When I
> operate Field Day,
> I use a deep cycle marine battery. Output power
> when the battery is
> partially discharged ( 12.3 Vdc ) is around 80
> Watts. What
> adjustments are made to bring the power up to 100
> Watts when
> operating from a deep cycle battery?
>
> Thanks, Eric N7DLV
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:

> > I have a feeling that someone "tuned up" that 450
> and
> > cranked up the IF gain setting. This is OK to do
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> > some rigs, not ok with others.
> >
> > Locate VR1 on the IF unit. This is underneath the
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> > Turn it down until the no-antenna noise decreases
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> > While you are at it, set VR18 for 4.5 watts out to
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> > You have just done a $59.00 tune up on your 450.
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Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

_____
Do you Yahoo!?
Read only the mail you want - Yahoo! Mail SpamGuard.
http://promotions.yahoo.com/new_mail

# 2962. Re: 450 s meter readings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-26 09:02:53 UTC
From: rick54045
Topic: 2954  Message: 2962

Thanks for the info Bill. Actually for 1B operation I use 2, 125 Amp hour batteries. It's been my experience that these last me for the entire weekend as long as I only use them to power the rig. At 12.6 Vdc, and at 85 Watts output on CW, my rig draws about 18 Amps, maybe a little less. Average SSB current is much less, about 7 or 8 Amps with about 2.0 Amps in receive. I rarely operate CW, so my transmit duty cycle may be lower than yours. Over the years in my case, I transmit about 40% of the time with 60% or so listening between transmitions or waiting to make a call or taking meal / restroom breaks. I dont use any processing on SSB and I adjust the mic gain until the ALC action just starts. Theoretically, I could use 1 battery for the entire FD contest, but I switch batteries after 12 hours as a precaution.

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Eric,
>
> Best to accept the 80 watts on the battery; you are
> doing well there.
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> Chances are, if you cranked it up at the lower
> voltage, you would run out of ALC action on 15 meters
> and probably other bands as well.
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> Here's a rule of thumb for your battery capacity;
> battery capacity in Ah should be 50 times your AVERAGE
> draw on transmit, to last a contest weekend. That
> means your battery bank must be at least 450
> ampere-hours for the TS-850 to last all weekend,
> without using a generator, in a Field day type
> contest. This I have found empirically, running 1B
> battery for years. The 850 draws about 8 amps average
> at 100 watts on CW. I have 275Ah in the camper and
> find that I need to run the generator on Sunday
> morning for about 3 hours.
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> bill
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> > > 73,
> > >
> > > Bill K0ZL
> > >
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>
> =====
>
> Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in
resistors...
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> _____________________________________
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# 2963. Re: 450 s meter readings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-26 10:15:46 UTC
From: merckxist
Topic: 2954  Message: 2963

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:

> Another MORE PRECISE way: Switch your IF filters to
> 12Khz on the 2nd IF and nothing showing on the first
> (i.e., as wide as possible). Listen in USB or LSB. You
> may hear a beat note when WWV is SILENT or between
> tones and the words of the announcer. This is your
> rig's frequency error! If it's more than a few hertz,
> you can adjust it by removing the speaker bracket and
> then the cover to the PLL unit. Locate TC1, upper left
> of the PLL unit. Should be a little ceramic trimmer.
> Adjust this for near zero beat (using the wide filter
> method) or for the WWV tones to match as closely as
> possible if using the tone comparison method.
> You have just done a $59.00 tune up on your 450.
>
> 73,
>
> Bill K0ZL
>

I tried this with my TS-850, and I think it may be 10-20 hz off.I
can't hear a beat note when the tone on WWV is off, but when the
voice announcement is made, it sounds like a a slight beat on the
voice, disappears if I tune up 10 -20 hz.Enough to worry about, or
leave well enough alone?This rig has never had a tune up, and is
about 9 years old.If it should be adjusted, where is the adjustment
for an 850?
Al
KJ5GT

# 2964. Re: [TS-850_450_690] Re: 450 s meter readings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-26 13:36:11 UTC
From: Bill K0ZL
Topic: 2954  Message: 2964

OK Al, the adjustment for the 850 is in a small hole,
on the left side of the rig, about 2/3 of the way back
on the side of the PLL unit, just under where the
voice/keyer memory unit would go.

If you need a scan of the location let me know.

Use the beat note that you hear when the tones are on.

If you hear one with voice, you should be able to hear
one with the tones.

bill

--- merckxist <kj5gt@...> wrote:

>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
>
> > Another MORE PRECISE way: Switch your IF filters
> to
> > 12Khz on the 2nd IF and nothing showing on the
> first
> > (i.e., as wide as possible). Listen in USB or LSB.
> You
> > may hear a beat note when WWV is SILENT or between
> > tones and the words of the announcer. This is your
> > rig's frequency error! If it's more than a few
> hertz,
> > you can adjust it by removing the speaker bracket
> and
> > then the cover to the PLL unit. Locate TC1, upper
> left
> > of the PLL unit. Should be a little ceramic
> trimmer.
> > Adjust this for near zero beat (using the wide
> filter
> > method) or for the WWV tones to match as closely
> as
> > possible if using the tone comparison method.
> > You have just done a $59.00 tune up on your 450.
> >
> > 73,
> >

> > Bill K0ZL
> >
>
> I tried this with my TS-850, and I think it may be
> 10-20 hz off.I
> can't hear a beat note when the tone on WWV is off,
> but when the
> voice announcement is made, it sounds like a a
> slight beat on the
> voice, disappears if I tune up 10 -20 hz.Enough to
> worry about, or
> leave well enough alone?This rig has never had a
> tune up, and is
> about 9 years old.If it should be adjusted, where is
> the adjustment
> for an 850?
> Al
> KJ5GT
>
>
>
>

=====

Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

_____
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# 2965. NEW GROUP

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-26 19:40:00 UTC
From: Bill
Topic: 2965  Message: 2965

http://groups.yahoo.com/group/KenwoodMics/

# 2966. Re: 450 s meter readings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-26 21:54:26 UTC
From: merckxist
Topic: 2954  Message: 2966

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> OK Al, the adjustment for the 850 is in a small hole,
> on the left side of the rig, about 2/3 of the way back
> on the side of the PLL unit, just under where the
> voice/keyer memory unit would go.
>
> If you need a scan of the location let me know.
>
> Use the beat note that you hear when the tones are on.
>
> If you hear one with voice, you should be able to hear
> one with the tones.
>
> bill
>

Bill,
Thanks, worked like a charm.A question, why can you hear a beat with
the filters at max width?It's not something I had ever noticed before.
Al
KJ5GT

# 2967. Re: [TS-850_450_690] Re: 450 s meter readings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-27 13:28:32 UTC
From: Bill K0ZL
Topic: 2954  Message: 2967

Al, you can hear a beat on the wide setting because
you are getting both sidebands that way. Since you are
in sideband mode, the BFO in the rig beats with the
sideband energy, which should be identical on each
side. Since it's identical on each side, any frequency
difference at all is going to cause the sideband
energy to beat with the BFO and cause the heterodyne.
If you are perfectly zero-beat, it's still beating but
at such a low frequency, all you hear is the DC
component.

Since you never will be perfectly zero-beat, you will
hear a very slow "wave" of increasing and decreasing
volume of audio in the speaker, approaching a very low
rate, until it starts to sound like QSB!

You can use broadcast stations in a pinch, but I have
found them to be 20hz or more off, especially in the
developing countries.

This method won't work with CHU as they transmit USB
with some carrier, and there is no LSB to beat
against.

bill
--- merckxist <kj5gt@...> wrote:

>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
> > OK Al, the adjustment for the 850 is in a small
> hole,
> > on the left side of the rig, about 2/3 of the way
> back
> > on the side of the PLL unit, just under where the
> > voice/keyer memory unit would go.
> >
> > If you need a scan of the location let me know.
> >
> > Use the beat note that you hear when the tones are
> on.
> >
> > If you hear one with voice, you should be able to
> hear
> > one with the tones.

> >
> > bill
> >
>
> Bill,
> Thanks, worked like a charm.A question, why can you
> hear a beat with
> the filters at max width?It's not something I had
> ever noticed before.
> Al
> KJ5GT
>
>
>
>

=====

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# 2968. TS 850S display problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-27 13:30:32 UTC
From: catanga57
Topic: 2968  Message: 2968

HI all,
Can someone please help me about this problem . I have the TS-850S/AT and the left part of the display ( s-meter, alc, pwr swr .. ) flashlight . I'm waiting for your reply and thanks for your kindly
help in advance.

iz8dvd pietro

# 2969. Re: 450 s meter readings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-02-28 00:59:22 UTC
From: merckxist
Topic: 2954  Message: 2969

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> Al, you can hear a beat on the wide setting because
> you are getting both sidebands that way. Since you are
> in sideband mode, the BFO in the rig beats with the
> sideband energy, which should be identical on each
> side. Since it's identical on each side, any frequency
> difference at all is going to cause the sideband
> energy to beat with the BFO and cause the heterodyne.
> If you are perfectly zero-beat, it's still beating but
> at such a low frequency, all you hear is the DC
> component.
>
> Since you never will be perfectly zero-beat, you will
> hear a very slow "wave" of increasing and decreasing
> volume of audio in the speaker, approaching a very low
> rate, until it starts to sound like QSB!
>
> You can use broadcast stations in a pinch, but I have
> found them to be 20hz or more off, especially in the
> developing countries.
>
> This method won't work with CHU as they transmit USB
> with some carrier, and there is no LSB to beat
> against.
>
> bill
> >

Bill,
Thanks for information, makes sense.
Al
KJ5GT

# 2970. 450 ALC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-01 14:29:05 UTC
From: raleigh_wise
Topic: 2970  Message: 2970

I have a new 450 and I notice some unusal behavior. firstly , the ALC meter reads zero until the indicated transmitted power reaches about 70 watts with a ahhh input into the mike . Than as the ahhh gets louder rapidly increases until it reaches the AlC meter max mark at about 90 watts and than flies to full scale at anything over 100 watts. All my other rigs always indicated an ALC reading starting with low power(say 5 watts ) and increarsing as the power increased to about 100 at about 60-70 watts. This 450 shows no ALC until much higher, e. g. 60 and than shoots up from there. Is this normal? If not what is the ALC adjustment procedure? This is with the processor on. It does about the same with the processor off too. Of course the adio gain has to be increased in the processor off test.

Secondly the s meter zero can not be reduced below one by adjusting the IF gain. Turn the IF gain to zero still reads 1?

TNX

W4PY

# 2971. RE: [TS-850_450_690] 450 ALC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-01 15:32:59 UTC
From: Kutche, Jerry
Topic: 2970  Message: 2971

Try mic gain... See if tat helps... Knob is lower right hand side
73 jerry

-----Original Message-----
From: raleigh_wise [mailto:warrenwise@...]
Sent: Tuesday, March 01, 2005 9:29 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] 450 ALC

I have a new 450 and I notice some unusal behavior. firstly , the ALC meter reads zero until the indicated transmitted power reaches about 70 watts with a ahhh input into the mike . Than as the ahhh gets louder rapidly increases until it reaches the AlC meter max mark at about 90 watts and than flies to full scale at anything over 100 watts. All my other rigs always indicated an ALC reading starting with low power(say 5 watts ) and increarsing as the power increased to about 100 at about 60-70 watts. This 450 shows no ALC until much higher, e. g. 60 and than shoots up from there. Is this normal? If not what is the ALC adjustment procedure? This is with the processor on. It does about the same with the processor off too. Of course the adio gain has to be increased in the processor off test.

Secondly the s meter zero can not be reduced below one by adjusting the IF gain. Turn the IF gain to zero still reads 1?

TNX

W4PY

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<http://us.adserver.yahoo.com/l?M=298184.6018725.7038619.3001176/D=groups/S=:HM/A=2593423/rand=706835069>

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TS-850_450_690-unsubscribe@yahoogroups.com
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>

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[Non-text portions of this message have been removed]

# 2972. Re: [TS-850_450_690] 450 ALC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-01 17:38:16 UTC
From: N7ZXP
Topic: 2970  Message: 2972

Have you tried a diff mic. How close are you to the mic. Do people hear you well with normal talking in the mic.
----- Original Message -----
From: Kutche, Jerry
To: 'TS-850_450_690@yahoogroups.com'
Sent: Tuesday, March 01, 2005 7:32 AM
Subject: RE: [TS-850_450_690] 450 ALC

Try mic gain... See if tat helps... Knob is lower right hand side
73 jerry

-----Original Message-----
From: raleigh_wise [mailto:warrenwise@...]
Sent: Tuesday, March 01, 2005 9:29 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] 450 ALC

I have a new 450 and I notice some unusal behavior. firstly , the ALC meter reads zero until the indicated transmitted power reaches about 70 watts with a ahhh input into the mike . Than as the ahhh gets louder rapidly increases until it reaches the AlC meter max mark at about 90 watts and than flies to full scale at anything over 100 watts. All my other rigs always indicated an ALC reading starting with low power(say 5 watts ) and increarsing as the power increased to about 100 at about 60-70 watts. This 450 shows no ALC until much higher, e. g. 60 and than shoots up from there. Is this normal? If not what is the ALC adjustment procedure? This is with the processor on. It does about the same with the processor off too. Of course the adio gain has to be increased in the processor off test.

Secondly the s meter zero can not be reduced below one by adjusting the IF gain. Turn the IF gain to zero still reads 1?

TNX

W4PY

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<http://us.adserver.yahoo.com/l?M=298184.6018725.7038619.3001176/D=groups/S=
:HM/A=2593423/rand=706835069>

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[Non-text portions of this message have been removed]

# 2973. Re: [TS-850_450_690] 450 ALC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-01 18:34:46 UTC
From: Bill K0ZL
Topic: 2970  Message: 2973

ALC action is normal. If you reduce the PWR control,
you will see ALC action (and lower output) at a lower
level of modulation.

On the s meter, no easy answer there. May just be bad
meter segment?

bill

--- raleigh_wise <warrenwise@...> wrote:

>
> I have a new 450 and I notice some unusal behavior.
> firstly , the ALC
> meter reads zero until the indicated transmitted
> power reaches about
> 70 watts with a ahhh input into the mike . Than
> as the ahhh gets
> louder rapidly increases until it reaches the AlC
> meter max mark at
> about 90 watts and than flies to full scale at
> anything over 100
> watts. All my other rigs always indicated an ALC
> reading starting
> with low power(say 5 watts ) and increarsing as the
> power increased
> to about 100 at about 60-70 watts. This 450 shows
> no ALC until much
> higher, e. g. 60 and than shoots up from there. Is
> this normal? If
> not what is the ALC adjustment procedure? This is
> with the processor
> on. It does about the same with the processor off
> too. Of course the
> adio gain has to be increased in the processor off
> test.
>
> Secondly the s meter zero can not be reduced below
> one by adjusting
> the IF gain. Turn the IF gain to zero still reads
> 1?
>
> TNX
>
> W4PY
>

>
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>

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Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in resistors...

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# 2974. Re: 450 ALC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-02 04:00:45 UTC
From: Roy Sakabu
Topic: 2970  Message: 2974

Bill answered the ALC question. As for your S-meter stuck on one, this sounds like another remnant of "Joe Tweaker" messing with the rig. Adjust VR-10 on the IF board (close to the rear of the rig). It is called RF Gain and is an adjustment similar to the RF gain knob on the front panel. Turn the RF gain knob on the front of the rig to full sensitivity, attach a dummy load or ensure there is NO signal going into your rig and adjust VR-10 so that it just barely tunrs off all LED segments.

Now you have to go back and adjust the IF gain to its proper setting. I've noticed that the correct IF gain setting is very important when you have cascaded optional filters. My 450 has both 2.4 kHz filters and both 500 Hz filters and it makes a huge difference between "wide open" and "narrowed down" if the IF gain is not properly adjusted.

--- In TS-850_450_690@yahoogroups.com, "raleigh_wise" <warrenwise@a...> wrote:

> Secondly the s meter zero can not be reduced below one by adjusting
> the IF gain. Turn the IF gain to zero still reads 1?
>
> TNX
>
> W4PY

# 2975. cw filter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-02 04:21:52 UTC
From: Bill
Topic: 2975  Message: 2975

I am selling a YK-88C-1 500 hz filter on ebay, ITEM 5756238529

$5.00 off the "buy it now" price for Yahoo group members, be sure to
contact me when using the "buy it now" feature.

bill K0ZL

# 2976. Re: [TS-850_450_690] TURN UP THE POWER

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-02 04:24:56 UTC
From: Ronnie Bass
Topic: 2970  Message: 2976

how do you turn the power up on the KENWOOD TS 450 LET ME KNOW IT ONLY PUTTING OUT 85 watts so let me know how to turn this up thank you

ERNEST T BASS

[Non-text portions of this message have been removed]

# 2977. Re: 450 ALC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-02 14:25:47 UTC
From: Steve Matda
Topic: 2970  Message: 2977

Yep, Bill's right. Back when I ran a lot of digital I usually would crank the power up to about 70 watts with full ALC deflection then back off the ALC until there was no ALC indication on the meter. That usually put me around 50 watts or so of output with no ALC action whatsoever, so what you're describing is normal.

I'll have to look at my 450 and see what the S-meter is at rest. I've never really paid attention...

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> ALC action is normal. If you reduce the PWR control,
> you will see ALC action (and lower output) at a lower
> level of modulation.
>
> On the s meter, no easy answer there. May just be bad
> meter segment?
>
> bill
>
> --- raleigh_wise <warrenwise@a...> wrote:
>
> >
> > I have a new 450 and I notice some unusal behavior.
> > firstly , the ALC
> > meter reads zero until the indicated transmitted
> > power reaches about
> > 70 watts with a ahhh input into the mike . Than
> > as the ahhh gets
> > louder rapidly increases until it reaches the AlC
> > meter max mark at
> > about 90 watts and than flies to full scale at
> > anything over 100
> > watts. All my other rigs always indicated an ALC
> > reading starting
> > with low power(say 5 watts ) and increarsing as the
> > power increased
> > to about 100 at about 60-70 watts. This 450 shows
> > no ALC until much
> > higher, e. g. 60 and than shoots up from there. Is
> > this normal? If
> > not what is the ALC adjustment procedure? This is
> > with the processor
> > on. It does about the same with the processor off

> > too. Of course the
> > adio gain has to be increased in the processor off
> > test.
> >
> > Secondly the s meter zero can not be reduced below
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> > the IF gain. Turn the IF gain to zero still reads
> > 1?
> >
> > TNX
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> > W4PY
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> =====
>
> Flinging molten lead WORLDWIDE; putting the 'magic smoke' back in
resistors...
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> _____
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# 2978. Re: TURN UP THE POWER

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-02 14:28:01 UTC
From: Steve Matda
Topic: 2970  Message: 2978

Just curious...85 watts on what frequency? And what's the SWR?

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, Ronnie Bass <bass_ronnie@y...>
wrote:
>
> how do you turn the power up on the KENWOOD TS 450 LET ME KNOW IT
ONLY PUTTING OUT 85 watts so let me know how to turn this up thank you
>
>
> ERNEST T BASS
>
>
> [Non-text portions of this message have been removed]

# 2979. Re: [TS-850_450_690] Re: TURN UP THE POWER

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-02 15:32:10 UTC
From: Ronnie Bass
Topic: 2970  Message: 2979

THE SWR IS ABOUT 1.1 AND THIS IS ON 20 METERS THANK YOU

Steve Matda <ke4mob@...> wrote:
Just curious...85 watts on what frequency? And what's the SWR?

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, Ronnie Bass <bass_ronnie@y...>
wrote:
>
> how do you turn the power up on the KENWOOD TS 450 LET ME KNOW IT
ONLY PUTTING OUT 85 watts so let me know how to turn this up thank you
>
>
> ERNEST T BASS
>
>
> [Non-text portions of this message have been removed]

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ERNEST T BASS

[Non-text portions of this message have been removed]

# 2980. Re: [TS-850_450_690] Re: TURN UP THE POWER

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-02 15:54:47 UTC
From: N7ZXP
Topic: 2970  Message: 2980

is this on SSb? If so try on FM. SSB will not show 100 watts. FM should.
----- Original Message -----
From: Ronnie Bass
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, March 02, 2005 7:32 AM
Subject: Re: [TS-850_450_690] Re: TURN UP THE POWER

THE SWR IS ABOUT 1.1 AND THIS IS ON 20 METERS THANK YOU

Steve Matda <ke4mob@...> wrote:
Just curious...85 watts on what frequency? And what's the SWR?

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, Ronnie Bass <bass_ronnie@y...>
wrote:
>
> how do you turn the power up on the KENWOOD TS 450 LET ME KNOW IT
ONLY PUTTING OUT 85 watts so let me know how to turn this up thank you
>
>
> ERNEST T BASS
>
>
> [Non-text portions of this message have been removed]

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ERNEST T BASS

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http://groups.yahoo.com/group/TS-850_450_690/

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TS-850_450_690-unsubscribe@yahoogroups.com

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[Non-text portions of this message have been removed]

# 2981. Advice needed on TS-850 repair decision

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-05 23:22:31 UTC
From: Doug Hall
Topic: 2981  Message: 2981

Hi Folks,
I recently picked up a non-working TS-850 as a project rig. The price was right and the rig is in good condition cosmetically. After looking at it and after reading through the archives
here I'm in a quandry as to whether to part it out or try to fix it, and the collective wisdom
of this fine group would be appreciated.

Here's what I've got: The 850 powers on and the display is normal but the rig doesn't receive until it has been on for about 3 to 5 minutes. Then it operates somewhat normally except for the following: 1) On SSB the TX monitor output is severely distorted and has lots of artifacts in it, 2) when keyed in FSK the power oscillates up and down at a rate of 2
or 3 Hz most of the time, and it also sounds terrible in the TX monitor, 3) when the CW keyer speed is turned all the way up I can hear a low level high-pitched squeal from the speaker even though the rig isn't keyed, and 4) receive sensitivity seems a little down, although I didn't measure it so I'm not as concerned about that.

Odd, huh? Sounds like at least one of the chips on the CAR UNIT might need to be replaced, and the oscillating power sounds like the DC-DC converter, but it doesn't oscillate when putting out a CW, FM, or AM carrier. I had to replace the DC-DC converter in an 850 I had a few years ago and the symptoms are different in this one.

I used the rig on CW and made a few contacts. It puts out 100w and I got good reports on 40 and 20m CW with it. The auto tuner works and the rig has a 500 Hz filter in the 8MHz IF. Once it "warms up" it seems to receive OK. I haven't opened it up yet, so I might find something simple when I do, but I'm not counting on it. I'm just not sure whether it's worth putting much money into it or if I'd be better off just parting it out. I don't have the
equipment to replace a surface mount IC and at $30/each I'm not keen to experiment.

Anybody ever had these symptoms on an 850 before?

73,
Doug, K4DSP

# 2982. Re: [TS-850_450_690] Advice needed on TS-850 repair decision

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-06 06:23:10 UTC
From: eplist@free.fr
Topic: 2981  Message: 2982

Hi DOug,

Yes it looks like one of your DDS chips is broken.
Change all 3 , the good ones will die one of theses days !
What serial number has your rig ? I guess under 30 million ?

73, Patrick TK5EP
http://tk5ep.free.fr

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> Hi Folks,
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>
> keyer speed is turned all the way up I can hear a low level high-pitched
> squeal from the
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> speaker even though the rig isn't keyed, and 4) receive sensitivity seems a
> little down,
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> Anybody ever had these symptoms on an 850 before?
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> 73,
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> Doug, K4DSP
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# 2983. Re: [TS-850_450_690] Advice needed on TS-850 repair decision

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-06 13:46:49 UTC
From: Bill K0ZL
Topic: 2981  Message: 2983

Sounds like a combo lightning hit and DDS chip issue.

You good at SMD soldering?

bill

--- Doug Hall <nospam4me@...> wrote:
>
> Hi Folks,
> I recently picked up a non-working TS-850 as a
> project rig. The price was right and the rig
> is in good condition cosmetically. After looking at
> it and after reading through the archives
> here I'm in a quandry as to whether to part it out
> or try to fix it, and the collective wisdom
> of this fine group would be appreciated.
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> Here's what I've got: The 850 powers on and the
> display is normal but the rig doesn't
> receive until it has been on for about 3 to 5
> minutes. Then it operates somewhat normally
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> lots of artifacts in it, 2) when keyed in FSK the
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> or 3 Hz most of the time, and it also sounds
> terrible in the TX monitor, 3) when the CW
> keyer speed is turned all the way up I can hear a
> low level high-pitched squeal from the
> speaker even though the rig isn't keyed, and 4)
> receive sensitivity seems a little down,
> although I didn't measure it so I'm not as concerned
> about that.
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> Odd, huh? Sounds like at least one of the chips on
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> replaced, and the oscillating power sounds like the
> DC-DC converter, but it doesn't
> oscillate when putting out a CW, FM, or AM carrier.
> I had to replace the DC-DC converter
> in an 850 I had a few years ago and the symptoms are
> different in this one.
>
> I used the rig on CW and made a few contacts. It
> puts out 100w and I got good reports on
> 40 and 20m CW with it. The auto tuner works and the

> rig has a 500 Hz filter in the 8MHz
> IF. Once it "warms up" it seems to receive OK. I
> haven't opened it up yet, so I might find
> something simple when I do, but I'm not counting on
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> worth putting much money into it or if I'd be better
> off just parting it out. I don't have the
> equipment to replace a surface mount IC and at
> $30/each I'm not keen to experiment.
>
> Anybody ever had these symptoms on an 850 before?
>
> 73,
> Doug, K4DSP
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When in doubt, MODIFY...

# 2984. Re: [TS-850_450_690] Advice needed on TS-850 repair decision

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-06 14:00:44 UTC
From: Richard A Powers
Topic: 2981  Message: 2984

I believe there are 4 of those chips at about $28 to $30 apiece.

On Sun, 6 Mar 2005 07:23:10 +0100 eplist@... writes:
Hi DOug,

Yes it looks like one of your DDS chips is broken.
Change all 3 , the good ones will die one of theses days !
What serial number has your rig ? I guess under 30 million ?

73, Patrick TK5EP
http://tk5ep.free.fr

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> Hi Folks,
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> Anybody ever had these symptoms on an 850 before?
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Have a Good Day,
Dick Powers

[Non-text portions of this message have been removed]

# 2985. Re: [TS-850_450_690] Advice needed on TS-850 repair decision

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-07 05:06:44 UTC
From: Bill K0ZL
Topic: 2981  Message: 2985

I disagree with replacing all of them; find which one
is bad and replace it. The rest might run for a long
time afterward.

bill

--- Richard A Powers <powersharp@...> wrote:

> I believe there are 4 of those chips at about $28 to
> $30 apiece.
>
> On Sun, 6 Mar 2005 07:23:10 +0100 eplist@...
> writes:
> Hi DOug,
>
> Yes it looks like one of your DDS chips is broken.
> Change all 3 , the good ones will die one of theses
> days !
> What serial number has your rig ? I guess under 30
> million ?
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> 73, Patrick TK5EP
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=== message truncated ===

When in doubt, MODIFY...

# 2986. DDS chips

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-07 20:57:38 UTC
From: Tree
Topic: 2986  Message: 2986

> I disagree with replacing all of them; find which one
> is bad and replace it. The rest might run for a long
> time afterward.

Normally, I would agree with Bill. However, my personal experience
with these chips indicates that when one of them goes - the rest
will follow suit shortly thereafter.

The older (non-A) versions of the DDS chips has a design flaw of
some kind in them. They fixed them after a year or two of production.

Kenwood decided not to extend a warranty on them - which I still think
would have been nice since it is an obvious quality issue.

You might decide ordering a new board is cheaper than getting four parts
and having them reworked.

More details on my TS850 repair page.

http://web.jzap.com/n6tr/850repair.html

Tree N6TR
tree@...

# 2987. DSP100 on eBay - One hour left

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-08 01:24:48 UTC
From: Max
Topic: 2987  Message: 2987

Item # 5755659076

1 hour left bid only up to $368.00 A steal!!

# 2988. Keying TS-850 and Logging using PC?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-07 23:29:03 UTC
From: kb8nty
Topic: 2988  Message: 2988

Hello all,

May I inquire if anyone in the group is using a computer interface to their TS-850 for logging / contest etc? As well as a keying interface to allow sending keyboard CW?

If so can you help me please with what you are using for your set-up.

Thank you now in advance for your replies.

73,
Ross KB8NTY

# 2989. Re: [TS-850_450_690] DSP100 on eBay - One hour left

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-08 03:44:51 UTC
From: Eric
Topic: 2987  Message: 2989

yes it is. but in that last hour, even minutes, there usually is the bidding frenzy!! I know when I paid $540 for mine. also the description of condition and use can alter bidding war.

Eric

----- Original Message -----
From: "Max" <ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, March 07, 2005 7:24 PM
Subject: [TS-850_450_690] DSP100 on eBay - One hour left

>
>
> Item # 5755659076
>
> 1 hour left bid only up to $368.00 A steal!!
>
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# 2990. Re: [TS-850_450_690] Keying TS-850 and Logging using PC?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-08 04:05:09 UTC
From: ve3wej
Topic: 2988  Message: 2990

I am using the if232c with my ts850 and ts440......cw keying using a KAM,
but i am sure a sound card interface would do it too

Ve3wej/Ve3ie
Dave Garber
ve3ie@...

----- Original Message -----
From: "kb8nty" <kb8nty@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, March 07, 2005 6:29 PM
Subject: [TS-850_450_690] Keying TS-850 and Logging using PC?

>
>
> Hello all,
>
> May I inquire if anyone in the group is using a computer interface to
> their TS-850 for logging / contest etc? As well as a keying interface
> to allow sending keyboard CW?
>
> If so can you help me please with what you are using for your set-up.
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> Thank you now in advance for your replies.
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> 73,
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# 2991. Reciever sensitivity down after Inrad Filter install!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-08 13:25:25 UTC
From: n4zi96
Topic: 2991  Message: 2991

Last night I installed 2 - 400 hz filters in 8.83 and 455 IF's also a 2.1 SSB in 8.83 - radio was working fine with old 500 hz filter in 455 IF - but now sensitivity is way off even when new filters are not selected - new cw filters sound good - but no sensitivity - I compared to my other 850s and its about 6 or 7 S units difference - checked all connections - reset radio several times to no avail - got any ideas. SSB signals sound a bit distorted when tuning around - I may remove filters tonight to see if problem goes away.

Thanks and 73,

Bill N4ZI

# 2992. Re: [TS-850_450_690] Keying TS-850 and Logging using PC?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-08 13:37:51 UTC
From: Zack Widup
Topic: 2988  Message: 2992

I built my own computer interface using a 1488 and a 1499 chip.

If I ever rebuild it I will use a MAX232 and reduce the chip count.

I got the circuit from one of the ARRL Handbooks (1998?)

73, Zack W9SZ

On Mon, 7 Mar 2005, kb8nty wrote:

>
>
> Hello all,
>
> May I inquire if anyone in the group is using a computer interface to
> their TS-850 for logging / contest etc? As well as a keying interface
> to allow sending keyboard CW?
>
> If so can you help me please with what you are using for your set-up.
>
> Thank you now in advance for your replies.
>
> 73,
> Ross KB8NTY
>

# 2993. Re: [TS-850_450_690] Keying TS-850 and Logging using PC?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-08 13:45:44 UTC
From: Bill Maddock
Topic: 2988  Message: 2993

I built the simple interface listed in our yahoo group files - it works fine - it does not have the
opto isolater - but it appears to work just as well as my kenwood IF 232 on my other 850S!

You can't beat the price - it took about 30 minutes to build, besides the IF232 is not only getting hard to find, but is pricy also!

For CW interface - I have been using the LPT port - with the schematic from the K1EA CT website - has worked great for years!

Good Luck and 73,

Bill N4ZI

Zack Widup <w9sz@...> wrote:
I built my own computer interface using a 1488 and a 1499 chip.

If I ever rebuild it I will use a MAX232 and reduce the chip count.

I got the circuit from one of the ARRL Handbooks (1998?)

73, Zack W9SZ

On Mon, 7 Mar 2005, kb8nty wrote:

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> Ross KB8NTY
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[Non-text portions of this message have been removed]

# 2994. Re: [TS-850_450_690] Reciever sensitivity down after Inrad Filter install!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-08 16:37:33 UTC
From: Bill K0ZL
Topic: 2991  Message: 2994

Bill you didn't mention if you changed the filter
select switches on the top of the rig, under the small
cover?

b

--- n4zi96 <n4zi96@...> wrote:
>
>
> Last night I installed 2 - 400 hz filters in 8.83
> and 455 IF's
> also a 2.1 SSB in 8.83 - radio was working fine with
> old 500 hz
> filter in 455 IF - but now sensitivity is way off
> even when new
> filters are not selected - new cw filters sound good
> - but no
> sensitivity - I compared to my other 850s and its
> about 6 or 7 S
> units difference - checked all connections - reset
> radio several
> times to no avail - got any ideas. SSB signals sound
> a bit distorted
> when tuning around - I may remove filters tonight to
> see if problem
> goes away.
>
> Thanks and 73,
>
> Bill N4ZI
>
>
>
>

When in doubt, MODIFY...

# 2995. Re: [TS-850_450_690] Reciever sensitivity down after Inrad Filter install!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-08 16:57:07 UTC
From: Bill Maddock
Topic: 2991  Message: 2995

Bill,

Yes I did change the selector switches on top - the filters work - it's just that the radio is down about 6-7 S units or so from my other radio - it doesn't matter if the filters are selected or not - in other words I can select the the original kenwood 2.4 khz on both IF's and signal strength is still down - tonight I will remove them one at a time and see if I may
have a bad filter or possibly a solder wire is grounding out on the board below! - the filters
sound great - its my sensitivity that is gone! The other radio already has Inrad filters installed - I also switched antennas to double check!

Thanks and 73,

Bill N4ZI

Bill K0ZL <coorsbill@...> wrote:
Bill you didn't mention if you changed the filter
select switches on the top of the rig, under the small
cover?

b

--- n4zi96 <n4zi96@...> wrote:
>
>
> Last night I installed 2 - 400 hz filters in 8.83
> and 455 IF's
> also a 2.1 SSB in 8.83 - radio was working fine with
> old 500 hz
> filter in 455 IF - but now sensitivity is way off
> even when new
> filters are not selected - new cw filters sound good
> - but no
> sensitivity - I compared to my other 850s and its
> about 6 or 7 S
> units difference - checked all connections - reset
> radio several
> times to no avail - got any ideas. SSB signals sound
> a bit distorted
> when tuning around - I may remove filters tonight to
> see if problem
> goes away.
>
> Thanks and 73,
>

> Bill N4ZI
>
>
>
>

When in doubt, MODIFY...

THANKS FOR USING TS-850_450_690@...

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---

Celebrate Yahoo!'s 10th Birthday!
Yahoo! Netrospective: 100 Moments of the Web

[Non-text portions of this message have been removed]

# 2996. Re: [TS-850_450_690] Reciever sensitivity down after Inrad Filter install!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-08 19:01:11 UTC
From: Bill K0ZL
Topic: 2991  Message: 2996

OK Bill,

Well, double check your inter-board connectors between
the RF and IF unit, and the IF unit and the front
panel, could be one got a little out of sorts there.

If you need help IDing connectors and where they go
(several can be confusing), let me know.

bill

--- Bill Maddock <n4zi96@...> wrote:
> Bill,
>
> Yes I did change the selector switches on top -
> the filters work - it's just that the radio
> is down about 6-7 S units or so from my other radio
> - it doesn't matter if the filters are
> selected or not - in other words I can select the
> the original kenwood 2.4 khz on both IF's
> and signal strength is still down - tonight I will
> remove them one at a time and see if I may
> have a bad filter or possibly a solder wire is
> grounding out on the board below! - the filters
> sound great - its my sensitivity that is gone! The
> other radio already has Inrad filters
> installed - I also switched antennas to double
> check!
>
> Thanks and 73,
>
> Bill N4ZI
>
> Bill K0ZL <coorsbill@...> wrote:
> Bill you didn't mention if you changed the filter
> select switches on the top of the rig, under the
> small
> cover?
>
> b
>
>
> --- n4zi96 <n4zi96@...> wrote:
> >
> >
> > Last night I installed 2 - 400 hz filters in

> 8.83
> > and 455 IF's
> > also a 2.1 SSB in 8.83 - radio was working fine
> with
> > old 500 hz
> > filter in 455 IF - but now sensitivity is way off
> > even when new
> > filters are not selected - new cw filters sound
> good
> > - but no
> > sensitivity - I compared to my other 850s and its
> > about 6 or 7 S
> > units difference - checked all connections - reset
> > radio several
> > times to no avail - got any ideas. SSB signals
> sound
> > a bit distorted
> > when tuning around - I may remove filters tonight
> to
> > see if problem
> > goes away.
> >
> > Thanks and 73,
> >
> > Bill N4ZI
> >
> >
> >
> >
>
>
> When in doubt, MODIFY...
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>
> THANKS FOR USING TS-850_450_690@...
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>
>
>
> ---
> Celebrate Yahoo!'s 10th Birthday!
> Yahoo! Netrospective: 100 Moments of the Web
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 2997. TS-850 + IF-232C + PC + DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-09 22:13:26 UTC
From: Karl
Topic: 2997  Message: 2997

Hi group
I would like to know if anyone in this group has tried the setup using the 'cont out' on the DSP-100. I can't get this setup to work. The computer won't respond at all with the DSP-100 between the IF-232c and the rig.

I can't find anything anywhere about this setup, and wonder if any of you guys have tried it. I like to use the DSP-100, and I like the computer control, but for the time being I have to chose between them.

When using the DSP-100 you have to use a crossed cable between it and the rig. Do you have to have the same type of cable for the connection between the DSP-100 and the IF-232c as well?

Looking at the schematic of the DSP-100, the connection between the 'cont in' and 'cont out', goes through the CPU. It's not only a buffered output.

Karl LA1CU

# 2998. part no. for vacuum fl. display of TS450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-12 06:09:41 UTC
From: Dennis, Philippines low budget dxer
Topic: 2998  Message: 2998

March 12, 2005

Hi all!

I would appreciate if someone knows the part number for the vacuum flourescent display of the TS450. A fellow HAM is having problems with the display of his ts450. The technician told us that rust have formed inside the display which is causing the problems (last 2 digits cannot display anymore)

And where can we order (in U.S.) this part

thanks

Dennis Ls. M. Cruz, DV7-BJY
the Philippines

# 2999. Re: [TS-850_450_690] part no. for vacuum fl. display of TS450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-12 06:29:28 UTC
From: kgshutt
Topic: 2998  Message: 2999

Dennis,

I had a similar problem with my TS-850. The problem was caused by a lightining strike which burned open the pc trace that was supplying power to the display.

Repairing the trace solved the problem. Thanks to Bill for providing the pc board layout from the service manual.

Please let me know if I can be if any assitance. Bill, thanks again for the help. My 850 is still "purring".

73 de Ken K5GUU

----- Original Message -----
From: "Dennis, Philippines low budget dxer" <nangnanie@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, March 12, 2005 12:09 AM
Subject: [TS-850_450_690] part no. for vacuum fl. display of TS450

> March 12, 2005
>
> Hi all!
>
> I would appreciate if someone knows the part number for the vacuum
> flourescent display of the TS450. A fellow HAM is having problems
> with the display of his ts450. The technician told us that rust have
> formed inside the display which is causing the problems (last 2
> digits cannot display anymore)
>
> And where can we order (in U.S.) this part
>
> thanks
>
> Dennis Ls. M. Cruz, DV7-BJY
> the Philippines
>
>
>
>
>
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>

# 3000. Re: [TS-850_450_690] part no. for vacuum fl. display of TS450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-12 14:42:13 UTC
From: Bill K0ZL
Topic: 2998  Message: 3000

Hi Dennis,

This is CFL1, SAME as in the 850

B30-2015-08

73

b

--- "Dennis, Philippines low budget dxer"
<nangnanie@...> wrote:
>
> March 12, 2005
>
> Hi all!
>
> I would appreciate if someone knows the part number
> for the vacuum
> flourescent display of the TS450. A fellow HAM is
> having problems
> with the display of his ts450. The technician told
> us that rust have
> formed inside the display which is causing the
> problems (last 2
> digits cannot display anymore)
>
> And where can we order (in U.S.) this part
>
> thanks
>
> Dennis Ls. M. Cruz, DV7-BJY
> the Philippines
>
>
>
>

When in doubt, MODIFY...

# 3001. Re: [TS-850_450_690] part no. for vacuum fl. display of TS450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-12 14:42:50 UTC
From: Bill K0ZL
Topic: 2998  Message: 3001

Glad to help, and glad to hear the good news!

b

--- kgshutt <kgshutt@...> wrote:
> Dennis,
>
> I had a similar problem with my TS-850. The problem
> was caused by a
> lightining strike which burned open the pc trace
> that was supplying power to
> the display.
>
> Repairing the trace solved the problem. Thanks to
> Bill for providing the pc
> board layout from the service manual.
>
> Please let me know if I can be if any assitance.
> Bill, thanks again for the
> help. My 850 is still "purring".
>
> 73 de Ken K5GUU
>
>

When in doubt, MODIFY...

# 3002. repair service shops

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-12 20:52:45 UTC
From: raleigh_wise
Topic: 3002  Message: 3002

I remember some mentioned a repair service shop here in florida..I beleive it was located in Orange City(not sur) who did repairs etc on 850 and other older Kenwood radios. Forgot the name etc of the shop. Could someone help?

tnx w4py

# 3003. TS450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-13 11:06:24 UTC
From: Kutche, Jerry
Topic: 3003  Message: 3003

Bill, Any update on the two parts for my TS450???

73 Jerry

N9LYA

Thanks

[Non-text portions of this message have been removed]

# 3004. Re: repair service shops

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-13 22:37:03 UTC
From: bud thompson
Topic: 3002  Message: 3004

Message: 1
Date: Sat, 12 Mar 2005 20:52:45 -0000
From: "raleigh_wise" <warrenwise@...>
Subject: repair service shops

I remember some mentioned a repair service shop here in Florida..I
believe it was located in Orange City(not sur) who did repairs etc
on 850 and other older Kenwood radios. Forgot the name etc of the
shop. Could someone help?

tnx w4py

* * *
Ralieg
I belive there is . . . I'm checking into that for you and will respond
later.

bud N0IA
386 574 4124

# 3005. TS-450SAT in mint condition for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-13 23:19:03 UTC
From: Wolf
Topic: 3005  Message: 3005

I just put this ad on www.eham.net for my TS-450 and mention it here just in case someone is looking for one in excellent condition. I'm hoping to sell my Kenwood station as a package but would be willing to sell the accessories separately if just the transceiver sells first.

Here's my eham ad:

Kenwood TS-450S/AT
Kenwood PS-52 power supply
Kenwood MC-60 desk microphone (with built-in pre-amp)
Kenwood SP-950 speaker (built in audio filters, 2 audio inputs)
Kenwood IF-232C computer interface
Kenwood PC-1A phone patch

I'm offering this as a complete package for $850 (plus shipping charges) but if someone buys just the TS-450SAT I would then be willing to sell the other items separately. If you buy the complete package I'll throw in the Donner's Digital Interface I used with this rig for digital modes at no charge. The transceiver comes with the original instruction and external control manuals complete with schematics.

As for the Kenwood TS-450SAT transceiver (Serial #30200832) I bought this last summer from W7IS who said it was his father's second back-up rig and had been in a box for years. Here's how he described it:

"Since my dad hardly ever used it, its the best condition
TS-450SAT
that you would ever find. He had 3 hf rigs and none of them got used very much. I think the Kenwood rigs are built better than the Icom or Yaesu. The Kenwood 450, 850 and 950 were all very well designed. The 450 can be upgraded with shaper CW and SSB filters by simply removing a plate on the bottom of the rig. So you can add an optional filter in just a few minutes."

I've used this transceiver very little because I have a G5RV up only 15 feet, but it has received excellent audio reports and works wonderfully. I've used it with MixW for digital modes with excellent results. The power supply is in like-new condition as are the interfaces and phone patch.

I would love to keep my Kenwood station but I just purchased an Icom IC-756ProII and have no money left to improve my antenna situation and upgrade my computer for digital modes so, sadly, I must sell. So if you're looking for a mint condition TS-450 this is the one. I really like this rig. In fact, I like the feel of the tuning dial on

the TS-450 much more than I do the ProII, and the receive audio is great too as have been the transmit audio reports.

I can accept PayPal, a postal money order or a cashier's check as payment.

e-mail me for photos at w0qu@...

# 3006. Re: [TS-850_450_690] TS-450SAT in mint condition for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-14 00:40:28 UTC
From: Bob Snelgrove
Topic: 3005  Message: 3006

Hom much just for the 450?

thx

bob
----- Original Message -----
From: "Wolf" <w0qu@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, March 13, 2005 3:19 PM
Subject: [TS-850_450_690] TS-450SAT in mint condition for sale

>
>
> I just put this ad on www.eham.net for my TS-450 and mention it here
> just in case someone is looking for one in excellent condition. I'm
> hoping to sell my Kenwood station as a package but would be willing
> to sell the accessories separately if just the transceiver sells
> first.
>
> Here's my eham ad:
>
> Kenwood TS-450S/AT
> Kenwood PS-52 power supply
> Kenwood MC-60 desk microphone (with built-in pre-amp)
> Kenwood SP-950 speaker (built in audio filters, 2 audio inputs)
> Kenwood IF-232C computer interface
> Kenwood PC-1A phone patch
>
> I'm offering this as a complete package for $850 (plus shipping
> charges) but if someone buys just the TS-450SAT I would then be
> willing to sell the other items separately. If you buy the complete
> package I'll throw in the Donner's Digital Interface I used with
> this rig for digital modes at no charge. The transceiver comes with
> the original instruction and external control manuals complete with
> schematics.
>
> As for the Kenwood TS-450SAT transceiver (Serial #30200832) I bought
> this last summer from W7IS who said it was his father's second back-
> up rig and had been in a box for years. Here's how he described it:
>
> "Since my dad hardly ever used it, its the best condition
> TS-450SAT
> that you would ever find. He had 3 hf rigs and none of them got used
> very much. I think the Kenwood rigs are built better than the Icom
> or Yaesu. The Kenwood 450, 850 and 950 were all very well designed.
> The 450 can be upgraded with shaper CW and SSB filters by simply

> removing a plate on the bottom of the rig. So you can add an
> optional filter in just a few minutes."
>
> I've used this transceiver very little because I have a G5RV up only
> 15 feet, but it has received excellent audio reports and works
> wonderfully. I've used it with MixW for digital modes with excellent
> results. The power supply is in like-new condition as are the
> interfaces and phone patch.
>
> I would love to keep my Kenwood station but I just purchased an Icom
> IC-756ProII and have no money left to improve my antenna situation
> and upgrade my computer for digital modes so, sadly, I must sell. So
> if you're looking for a mint condition TS-450 this is the one. I
> really like this rig. In fact, I like the feel of the tuning dial on
> the TS-450 much more than I do the ProII, and the receive audio is
> great too as have been the transmit audio reports.
>
> I can accept PayPal, a postal money order or a cashier's check as
> payment.
>
> e-mail me for photos at w0qu@...
>
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>
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# 3007. SM-220 panadapter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-14 03:15:06 UTC
From: wn9d
Topic: 3007  Message: 3007

I'm looking for the BS-8 panadapter option for the Kenwood SM-220.

I would appreciate any and all suggestions.

Thanking in advance.

Randy WN9D

[Non-text portions of this message have been removed]

# 3008. Kenwood touch-up paint

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-15 12:28:24 UTC
From: wolobmp
Topic: 3008  Message: 3008

Hello all. I am looking for any source that might be available to buy a small "touch-up" gray color Kenwood style paint. Anyone with a url or location on where I can buy a small amount of matching Kenwood color touch up paint, would be appreicated if you can send me an email. Thanks in adavnce, Mike. Email is wolobmp@...

# 3009. Re: [TS-850_450_690] SM-220 panadapter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-16 03:18:31 UTC
From: kgshutt
Topic: 3007  Message: 3009

Me too.

Ken - K5GUU
----- Original Message -----
From: "wn9d" <wn9d@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, March 13, 2005 9:15 PM
Subject: [TS-850_450_690] SM-220 panadapter

> I'm looking for the BS-8 panadapter option for the Kenwood SM-220.
>
> I would appreciate any and all suggestions.
>
> Thanking in advance.
>
> Randy WN9D
>
>
> [Non-text portions of this message have been removed]
>
>
>
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>
>

# 3010. INRAD Filters Numbers

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-16 22:33:15 UTC
From: Dave
Topic: 3010  Message: 3010

Anyone know what the cross reference numbers of INRAD Filters to
Kenwood Filters for ts-850?

# 3011. Re: [TS-850_450_690] INRAD Filters Numbers

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-16 23:37:08 UTC
From: Bill Maddock
Topic: 3010  Message: 3011

I put in the #103 and 104 cw filters and a 2.1 khz #94. The Inrad
units are much better than stock Kenwood units!

http://www.qth.com/inrad/

Good Luck and 73,

Bill N4ZI

Dave <bathd@...> wrote:

Anyone know what the cross reference numbers of INRAD Filters to
Kenwood Filters for ts-850?

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[Non-text portions of this message have been removed]

# 3012. Re: SM-220 panadapter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-17 03:21:25 UTC
From: Roy Sakabu
Topic: 3007  Message: 3012

BS-8's are very hard to find by themselves.

My suggestion would be to find an SM-220/BS-8 combination and sell your SM-220 afterwards. SM-220's can still get a decent price by themselves for people who just want the monitor scope that matches the Kenwood Rigs.

The only panadapter I've ever come across by itself was a BS-5 that someone was offering for $25. I should have scooped it up just to see if I could convert it to a BS-8 (about a dozen components to change).

73
Roy
AD6ZU

--- In TS-850_450_690@yahoogroups.com, "kgshutt" <kgshutt@c...> wrote:
> Me too.
>
> Ken - K5GUU
> ----- Original Message -----
> From: "wn9d" <wn9d@m...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Sunday, March 13, 2005 9:15 PM
> Subject: [TS-850_450_690] SM-220 panadapter
>
>
> > I'm looking for the BS-8 panadapter option for the Kenwood SM-220.
> >
> > I would appreciate any and all suggestions.
> >
> > Thanking in advance.
> >
> > Randy WN9D

# 3013. Re: [TS-850_450_690] INRAD Filters Numbers

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-17 14:00:54 UTC
From: Bill K0ZL
Topic: 3010  Message: 3013

What filters are you looking at, ssb or CW?

b

--- Dave <bathd@...> wrote:
>
> Anyone know what the cross reference numbers of
> INRAD Filters to
> Kenwood Filters for ts-850?
>
>
>
>

When in doubt, MODIFY...

# 3014. Re: INRAD Filters Numbers

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-17 14:07:48 UTC
From: Dave
Topic: 3010  Message: 3014

Both.

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> What filters are you looking at, ssb or CW?
>
> b
>
> --- Dave <bathd@n...> wrote:
> >
> > Anyone know what the cross reference numbers of
> > INRAD Filters to
> > Kenwood Filters for ts-850?
> >
> >
> >
> >
>
>
> When in doubt, MODIFY...

# 3015. Re: [TS-850_450_690] INRAD Filters Numbers

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-17 14:20:26 UTC
From: ve3wej
Topic: 3010  Message: 3015

inrad has a website....check it on there

http://www.qth.com/inrad/

Ve3wej/Ve3ie
Dave Garber

----- Original Message -----
From: "Bill K0ZL" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, March 17, 2005 9:00 AM
Subject: Re: [TS-850_450_690] INRAD Filters Numbers

>
> What filters are you looking at, ssb or CW?
>
> b
>
> --- Dave <bathd@...> wrote:
> >
> > Anyone know what the cross reference numbers of
> > INRAD Filters to
> > Kenwood Filters for ts-850?
> >
> >
> >
> >
>
>
> When in doubt, MODIFY...
>
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>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>

# 3016. Re: INRAD Filters Numbers

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-17 17:10:08 UTC
From: Dave
Topic: 3010  Message: 3016

Have been to their site but unable to get info. There are two inrad filters on ebay right now and before I bid I want to know if they will work with my ts-850. The two filters are as follows: 1069 IR-455H400AC and 1345 IR-88H400AC. Since inrad only gives me reference numbers, I am unable to determine this. I sent inrad an email but they don't know either since they don't use IR numbers anymore. I was hoping someone on this site would know.

Dave

-- In TS-850_450_690@yahoogroups.com, "ve3wej" <ve3wej@c...> wrote:
> inrad has a website....check it on there
>
>
> http://www.qth.com/inrad/
>
>
>
> Ve3wej/Ve3ie
> Dave Garber
>
>
> ----- Original Message -----
> From: "Bill K0ZL" <coorsbill@y...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Thursday, March 17, 2005 9:00 AM
> Subject: Re: [TS-850_450_690] INRAD Filters Numbers
>
>
> >
> > What filters are you looking at, ssb or CW?
> >
> > b
> >
> > --- Dave <bathd@n...> wrote:
> > >
> > > Anyone know what the cross reference numbers of
> > > INRAD Filters to
> > > Kenwood Filters for ts-850?
> > >
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> > When in doubt, MODIFY...
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> > THANKS FOR USING TS-850_450_690@Y...
> > Yahoo! Groups Links
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# 3017. Re: [TS-850_450_690] Re: INRAD Filters Numbers

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-17 17:22:08 UTC
From: Bill Maddock
Topic: 3010  Message: 3017

Dave,

I looked at the filters on Ebay - they fit the older 930S/940S this is not a match for the TS-850S - sorry!

73,

Bill N4ZI

Dave <bathd@...> wrote:

Have been to their site but unable to get info. There are two inrad filters on ebay right now and before I bid I want to know if they will work with my ts-850. The two filters are as follows: 1069 IR-455H400AC and 1345 IR-88H400AC. Since inrad only gives me reference numbers, I am unable to determine this. I sent inrad an email but they don't know either since they don't use IR numbers anymore. I was hoping someone on this site would know.

Dave

-- In TS-850_450_690@yahoogroups.com, "ve3wej" <ve3wej@c...> wrote:
> inrad has a website....check it on there
>
>
> http://www.qth.com/inrad/
>
>
>
> Ve3wej/Ve3ie
> Dave Garber
>
>
> ----- Original Message -----
> From: "Bill K0ZL" <coorsbill@y...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Thursday, March 17, 2005 9:00 AM
> Subject: Re: [TS-850_450_690] INRAD Filters Numbers
>
>
> > What filters are you looking at, ssb or CW?
> >
> > b
> >
> > --- Dave <bathd@n...> wrote:
> > >

> > > Anyone know what the cross reference numbers of
> > > INRAD Filters to
> > > Kenwood Filters for ts-850?
> > >
> > >
> > >
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> >
> > When in doubt, MODIFY...
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> >
> > THANKS FOR USING TS-850_450_690@Y...
> > Yahoo! Groups Links
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[Non-text portions of this message have been removed]

# 3018. Re: INRAD Filters Numbers

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-17 18:39:45 UTC
From: Dave
Topic: 3010  Message: 3018

Thanks Bill.
73,
Dave

- In TS-850_450_690@yahoogroups.com, Bill Maddock <n4zi96@y...> wrote:
> Dave,
>
> I looked at the filters on Ebay - they fit the older 930S/940S
this is not a match
> for the TS-850S - sorry!
>
> 73,
>
> Bill N4ZI
>
> Dave <bathd@n...> wrote:
>
> Have been to their site but unable to get info. There are two inrad
> filters on ebay right now and before I bid I want to know if they will
> work with my ts-850. The two filters are as follows: 1069
> IR-455H400AC and 1345 IR-88H400AC. Since inrad only gives me
> reference numbers, I am unable to determine this. I sent inrad an
> email but they don't know either since they don't use IR numbers
> anymore. I was hoping someone on this site would know.
>
> Dave
>
>
>
>
>
> -- In TS-850_450_690@yahoogroups.com, "ve3wej" <ve3wej@c...> wrote:
> > inrad has a website....check it on there
> >
> >
> > http://www.qth.com/inrad/
> >
> >
> >
> > Ve3wej/Ve3ie
> > Dave Garber
> >
> >
> > ----- Original Message -----
> > From: "Bill K0ZL" <coorsbill@y...>

> > To: <TS-850_450_690@yahoogroups.com>
> > Sent: Thursday, March 17, 2005 9:00 AM
> > Subject: Re: [TS-850_450_690] INRAD Filters Numbers
> >
> >
> > >
> > > What filters are you looking at, ssb or CW?
> > >
> > > b
> > >
> > > --- Dave <bathd@n...> wrote:
> > > >
> > > > Anyone know what the cross reference numbers of
> > > > INRAD Filters to
> > > > Kenwood Filters for ts-850?
> > > >
> > > >
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> > > When in doubt, MODIFY...
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> > > THANKS FOR USING TS-850_450_690@Y...
> > > Yahoo! Groups Links
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> ---
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
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> To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>
> ---
> Do you Yahoo!?
> Yahoo! Small Business - Try our new resources site!
>
> [Non-text portions of this message have been removed]

# 3019. Selling TS-450S ebay

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-17 21:55:49 UTC
From: Bill
Topic: 3019  Message: 3019

5761435178

"Buy it now" of $550.00, will sell to group member for $500.00.

Vy 73,

Bill K0ZL

# 3020. Exceeding ALC "zone"

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-18 04:43:39 UTC
From: k6akr
Topic: 3020  Message: 3020

Just got a TS-450SAT. In my ongoing effort to avoid splatter I read the instruction manual regarding SSB operation. The manual says to "adjust the MIC gain control so that the meter deflection does not exceed the ALC zone on voice peaks." Am I correct in understanding this to mean to set the MIC gain so that the ALC stays just under full scale on voice peaks? Funny use of the word "zone." I am using the stock mic.

73,
Art K6AKR

# 3021. Re: [TS-850_450_690] Exceeding ALC "zone"

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-18 05:22:39 UTC
From: N7ZXP
Topic: 3020  Message: 3021

On my 450 the ALC is usualy high. What I did was ask people how I sounded and went by that. Using a bar graft is like guessing a little. Ask people how you sound and go by that. Good Luck. The 450 is a gem of a radio. Lane N7ZXP
----- Original Message -----
From: k6akr
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, March 17, 2005 8:43 PM
Subject: [TS-850_450_690] Exceeding ALC "zone"

Just got a TS-450SAT. In my ongoing effort to avoid splatter I read
the instruction manual regarding SSB operation. The manual says
to "adjust the MIC gain control so that the meter deflection does not
exceed the ALC zone on voice peaks." Am I correct in understanding
this to mean to set the MIC gain so that the ALC stays just under
full scale on voice peaks? Funny use of the word "zone." I am using
the stock mic.

73,
Art K6AKR

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[Non-text portions of this message have been removed]

# 3022. TS-850 display problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-18 12:23:21 UTC
From: catanga57
Topic: 3022  Message: 3022

HI all,
Can someone please help me about this problem: in the my TS-850S/AT the left part of the display ( s-meter, alc, pwr swr .. ) flashlight in function of the level of the signal. I'm waiting for your reply and thanks for
your kindly
help in advance.

iz8dvd pietro

# 3023. Re: [TS-850_450_690] Re: INRAD Filters Numbers

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-18 13:49:08 UTC
From: Bill K0ZL
Topic: 3010  Message: 3023

OK I think one of the other members replied with the
recommended numbers.

b

--- Dave <bathd@...> wrote:
>
> Both.
>
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...> wrote:
> > What filters are you looking at, ssb or CW?
> >
> > b
> >
> > --- Dave <bathd@n...> wrote:
> > >
> > > Anyone know what the cross reference numbers of
> > > INRAD Filters to
> > > Kenwood Filters for ts-850?
> > >
> > >
> > >
> > >
> > >
> > >
> > When in doubt, MODIFY...
>
>
>
>

When in doubt, MODIFY...

# 3024. Re: [TS-850_450_690] Exceeding ALC "zone"

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-18 14:00:43 UTC
From: Bill K0ZL
Topic: 3020  Message: 3024

I would keep ALC under 1/2 scale.

If you are running an amp, keep ALC to where it just
barely tickles the meter; that will be your best sound
and least compression in the transmitter chain.

b

--- k6akr <akr@...> wrote:
>
> Just got a TS-450SAT. In my ongoing effort to avoid
> splatter I read
> the instruction manual regarding SSB operation. The
> manual says
> to "adjust the MIC gain control so that the meter
> deflection does not
> exceed the ALC zone on voice peaks." Am I correct
> in understanding
> this to mean to set the MIC gain so that the ALC
> stays just under
> full scale on voice peaks? Funny use of the word
> "zone." I am using
> the stock mic.
>
> 73,
> Art K6AKR
>
>
>
>

When in doubt, MODIFY...

# 3025. Re: [TS-850_450_690] Exceeding ALC "zone"

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-18 14:02:34 UTC
From: Bill K0ZL
Topic: 3020  Message: 3025

You really can't tell on freq if there is a problem.

Ask them to tune up and down 5Khz as you speak. If
they hear any products (splatter or buckshot) with
their noise blanker OFF, then investigate further.

Your third order distortion products should be down at
least 30db to be a good "frequency neighbor". This
means, if you are 20 over nine to someone, your
products should be around S7 or lower; that would be
very good news. Check with amp on and off.

Bill

--- N7ZXP <n7zxp@...> wrote:
> On my 450 the ALC is usualy high. What I did was ask
> people how I sounded and went by that. Using a bar
> graft is like guessing a little. Ask people how you
> sound and go by that. Good Luck. The 450 is a gem of
> a radio. Lane N7ZXP
> ----- Original Message -----
> From: k6akr
> To: TS-850_450_690@yahoogroups.com
> Sent: Thursday, March 17, 2005 8:43 PM
> Subject: [TS-850_450_690] Exceeding ALC "zone"
>
>
>
> Just got a TS-450SAT. In my ongoing effort to
> avoid splatter I read
> the instruction manual regarding SSB operation.
> The manual says
> to "adjust the MIC gain control so that the meter
> deflection does not
> exceed the ALC zone on voice peaks." Am I correct
> in understanding
> this to mean to set the MIC gain so that the ALC
> stays just under
> full scale on voice peaks? Funny use of the word
> "zone." I am using
> the stock mic.
>
> 73,
> Art K6AKR
>
>

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>
> THANKS FOR USING TS-850_450_690@...
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>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
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> b.. To unsubscribe from this group, send an
> email to:
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>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
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>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3026. Re: [TS-850_450_690] TS-850 display problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-18 14:05:14 UTC
From: Bill K0ZL
Topic: 3022  Message: 3026

Are you saying that the light is out on the left side?

bill

--- catanga57 <anto.pietro@...> wrote:
>
> HI all,
> Can someone please help me about this problem: in
> the my TS-
> 850S/AT the left part of the display ( s-meter, alc,
> pwr
> swr .. ) flashlight in function of the level of the
> signal. I'm
> waiting for your reply and thanks for
> your kindly
> help in advance.
>
> iz8dvd pietro
>
>
>
>
>
>

When in doubt, MODIFY...

# 3027. Re: [TS-850_450_690] Exceeding ALC "zone"

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-18 15:07:39 UTC
From: Frederick Van Veen
Topic: 3020  Message: 3027

I have always set my mike control so that voice peaks are at or just
below ALC full-scale, and reports on the quality of my audio are always
excellent.
73
Fred W1NYL
On Mar 17, 2005, at 11:43 PM, k6akr wrote:

>
>
> Just got a TS-450SAT. In my ongoing effort to avoid splatter I read
> the instruction manual regarding SSB operation. The manual says
> to "adjust the MIC gain control so that the meter deflection does not
> exceed the ALC zone on voice peaks." Am I correct in understanding
> this to mean to set the MIC gain so that the ALC stays just under
> full scale on voice peaks? Funny use of the word "zone." I am using
> the stock mic.
>
> 73,
> Art K6AKR
>
>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3028. New to me TS0850S/AT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-18 19:49:30 UTC
From: KD5SFA
Topic: 3028  Message: 3028

I just acquired (yesterday) an 850S/AT and enjoyed the excellent receive last night.
My current HF antenna setup is an inverted V with wires cut for 20m and 40m.
The internal tuner has no problem there. When I go to other bands it is not able to
get an acceptable match. I know my antenna is temporary (apex at 21') until I get my tower
up
and I know my AT-100pro will match 80m-6m just fine with my 706MKIIG.

In looking back in the archives of this group I saw some references to the Carolina Windom.
I have looked at the data on the packetradio site before and was considering constructing
one
based on the 160m data.

Do you think or know if the internal tuner will be able to handle 10m-160m with that setup
?

I will have the apex at about 50 in inverted V fashion when I get it done.
I may end up having to use a different antenna for 160m....but I'm doing research right
now.

Thanks in advance and would appreciate the experience of those who have already done this.

73,
Jon
KD5SFA

# 3029. Re: TS-850 display problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-18 19:57:51 UTC
From: catanga57
Topic: 3022  Message: 3029

NO bill,

the "pixel" of the left side flashing following the level of the
signal....

thanks in advance

73 iz8dvd pietro

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> Are you saying that the light is out on the left side?
>
> bill
>
> --- catanga57 <anto.pietro@a...> wrote:
> >
> > HI all,
> > Can someone please help me about this problem: in
> > the my TS-
> > 850S/AT the left part of the display ( s-meter, alc,
> > pwr
> > swr .. ) flashlight in function of the level of the
> > signal. I'm
> > waiting for your reply and thanks for
> > your kindly
> > help in advance.
> >
> > iz8dvd pietro
> >
> >
> >
> >
> >
> >
>
>
> When in doubt, MODIFY...

# 3030. Re: [TS-850_450_690] New to me TS0850S/AT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-18 20:04:44 UTC
From: VK4TUX
Topic: 3028  Message: 3030

Hi Jon,
I use my TS850 AT in manual mode in these situations by turning menu #20 to off state (LSB/USB button depressed on power on). Use the vfo and m-ch knobs to tune to the best match. Some time ago I posted here a alteration I made to the inductor feed within the internal AT unit. The pcb gap was only minimal and arced over and carbonised, when feeding a higher impedance feedpoint, but still within a 1:1 match capability of the tuner. I was told here basically inferred I was stupid and asked for the trouble, feeding a antenna(used for different bands and resonant on 80m) on 40m . However after 1 yr doing the mod to lift the inductor end from the pcb and feed direct, I have had no more problems feeding at up to 150w.

regards

Adrian

de VK4TUX
----- Original Message -----
From: KD5SFA
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 19, 2005 5:49 AM
Subject: [TS-850_450_690] New to me TS0850S/AT

I just acquired (yesterday) an 850S/AT and enjoyed the excellent receive last night.
My current HF antenna setup is an inverted V with wires cut for 20m and 40m.
The internal tuner has no problem there. When I go to other bands it is not able to
get an acceptable match. I know my antenna is temporary (apex at 21') until I get my tower up
and I know my AT-100pro will match 80m-6m just fine with my 706MKIIG.

In looking back in the archives of this group I saw some references to the Carolina Windom.
I have looked at the data on the packetradio site before and was considering constructing one
based on the 160m data.

Do you think or know if the internal tuner will be able to handle 10m-160m with that setup ?

I will have the apex at about 50 in inverted V fashion when I get it done.
I may end up having to use a different antenna for 160m....but I'm doing research right now.

Thanks in advance and would appreciate the experience of those who have already done this.

73,
Jon
KD5SFA

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[Non-text portions of this message have been removed]

# 3031. Re: [TS-850_450_690] New to me TS0850S/AT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-19 02:37:07 UTC
From: Steve Beveridge
Topic: 3028  Message: 3031

Hi Adrian, John, fellow group members

Following from your posting Adrian, I've just uploaded two photos in a new folder I've called "AT850 probs and mods". They show a really good example of the carbonised PCB you were talking about Adrian. The photos are top and bottom of the inductor board (lives under the perforated metal screen).

I couldn't find the posting you made about the modification to the AT850 that you made Adrian - could you add something here to give it the "balance"? I've loaded the "problem". I look forward to seeing the solution.

I should add that the "carbonising" of this board wasn't my doing. The board has since been repaired - carbonised material removed, different earth strap in place, plus replaced the burnt relay (see photo). There's obviously some large potentials generated in the inductor! However, before I re-install the board, it would make sense to modify and thus (hopefully) minimise the chance of it happening again.

Cheers
Steve
VK2XWL
----- Original Message -----
From: VK4TUX
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 19, 2005 7:04 AM
Subject: Re: [TS-850_450_690] New to me TS0850S/AT

Hi Jon,
I use my TS850 AT in manual mode in these situations by turning menu #20 to off state (LSB/USB button depressed on power on). Use the vfo and m-ch knobs to tune to the best match. Some time ago I posted here a alteration I made to the inductor feed within the internal AT unit. The pcb gap was only minimal and arced over and carbonised, when feeding a higher impedance feedpoint, but still within a 1:1 match capability of the tuner. I was told here basically inferred I was stupid and asked for the trouble, feeding a antenna(used for different bands and resonant on 80m) on 40m . However after 1 yr doing the mod to lift the inductor end from the pcb and feed direct, I have had no more problems feeding at up to 150w.

regards

Adrian

de VK4TUX
----- Original Message -----
From: KD5SFA
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 19, 2005 5:49 AM
Subject: [TS-850_450_690] New to me TS0850S/AT

I just acquired (yesterday) an 850S/AT and enjoyed the excellent receive last night.
My current HF antenna setup is an inverted V with wires cut for 20m and 40m.
The internal tuner has no problem there. When I go to other bands it is not able to
get an acceptable match. I know my antenna is temporary (apex at 21') until I get my tower
up
and I know my AT-100pro will match 80m-6m just fine with my 706MKIIG.

In looking back in the archives of this group I saw some references to the Carolina Windom.
I have looked at the data on the packetradio site before and was considering constructing
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based on the 160m data.

Do you think or know if the internal tuner will be able to handle 10m-160m with that setup
?

I will have the apex at about 50 in inverted V fashion when I get it done.
I may end up having to use a different antenna for 160m....but I'm doing research right
now.

Thanks in advance and would appreciate the experience of those who have already done this.

73,
Jon
KD5SFA

[Non-text portions of this message have been removed]

# 3032. Re: New to me TS0850S/AT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-19 03:08:01 UTC
From: nm9p
Topic: 3028  Message: 3032

Hello,
Congrats on the new 850!
I am currently running a homebrew antenna similar to the Carolina windom, which is basically a half wave wire fed at a feed point 1/3 of the way in from one end rather than in the middle. I use a 4:1 balun at the feed point and the 850 Tuner loads it up on 80 through 10 pretty well. forget 160. My balun won't work at that frequency anyway. I am planning aon extending the antenna to resonate at 160 meters and buying a better balun that will cover that low in frequency.

The antenna tunes the odd harmonic bands much better than using a half wave dipole fed in the center, but I could stand to add a coaxial choke to get some of the RF off the feedline and out of the shack. This can be a problem with unbalanced antennas.

I am impressed at how well this antenna works for a simple, compromise antenna. I have been a ham for 30 years and only tried this a couple of years ago. Of course it won't come close the the 3 element SteppIR beam that I am saving up for (and will be for the next several years, says the XYL!)

Good luck,
Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, KD5SFA <divenut1@s...> wrote:
> I just acquired (yesterday) an 850S/AT and enjoyed the excellent receive last night.
> My current HF antenna setup is an inverted V with wires cut for 20m and 40m.
> The internal tuner has no problem there. When I go to other bands it is not able to
> get an acceptable match. I know my antenna is temporary (apex at 21') until I get my tower up
> and I know my AT-100pro will match 80m-6m just fine with my 706MKIIG.
>
> In looking back in the archives of this group I saw some references to the Carolina Windom.
> I have looked at the data on the packetradio site before and was considering constructing one
> based on the 160m data.
>
> Do you think or know if the internal tuner will be able to handle 10m-160m with that setup ?
>
> I will have the apex at about 50 in inverted V fashion when I get it done.

> I may end up having to use a different antenna for 160m....but I'm
doing research right now.
>
> Thanks in advance and would appreciate the experience of those who
have already done this.
>
> 73,
> Jon
> KD5SFA

# 3033. Re: [TS-850_450_690] New to me TS0850S/AT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-19 11:24:12 UTC
From: VK4TUX
Topic: 3028  Message: 3033

Yes Steve, I saw your pictures there and that's exactly what happened to mine, but not quite so severe. I did have pictures of my mod uploaded but after being made to look a fool for mentioning it could be a manufacturer defect in the pcb design, I deleted the pics on the site I had uploaded and also on my hard drive.

regards

Adrian

de VK4TUX
----- Original Message -----
From: Steve Beveridge
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 19, 2005 12:37 PM
Subject: Re: [TS-850_450_690] New to me TS0850S/AT

Hi Adrian, John, fellow group members

Following from your posting Adrian, I've just uploaded two photos in a new folder I've called "AT850 probs and mods". They show a really good example of the carbonised PCB you were talking about Adrian. The photos are top and bottom of the inductor board (lives under the perforated metal screen).

I couldn't find the posting you made about the modification to the AT850 that you made Adrian - could you add something here to give it the "balance"? I've loaded the "problem". I look forward to seeing the solution.

I should add that the "carbonising" of this board wasn't my doing. The board has since been repaired - carbonised material removed, different earth strap in place, plus replaced the burnt relay (see photo). There's obviously some large potentials generated in the inductor! However, before I re-install the board, it would make sense to modify and thus (hopefully) minimise the chance of it happening again.

Cheers
Steve
VK2XWL
----- Original Message -----
From: VK4TUX
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 19, 2005 7:04 AM
Subject: Re: [TS-850_450_690] New to me TS0850S/AT

Hi Jon,
I use my TS850 AT in manual mode in these situations by turning menu #20 to off state (LSB/USB button depressed on power on). Use the vfo and m-ch knobs to tune to the best match. Some time ago I posted here a alteration I made to the inductor feed within the internal AT unit. The pcb gap was only minimal and arced over and carbonised, when feeding

a higher impedance feedpoint, but still within a 1:1 match capability of the tuner. I was told here basically inferred I was stupid and asked for the trouble, feeding a antenna(used for different bands and resonant on 80m) on 40m . However after 1 yr doing the mod to lift the inductor end from the pcb and feed direct, I have had no more problems feeding at up to 150w.

regards

Adrian

de VK4TUX
----- Original Message -----
From: KD5SFA
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, March 19, 2005 5:49 AM
Subject: [TS-850_450_690] New to me TS0850S/AT

I just acquired (yesterday) an 850S/AT and enjoyed the excellent receive last night.
My current HF antenna setup is an inverted V with wires cut for 20m and 40m.
The internal tuner has no problem there. When I go to other bands it is not able to
get an acceptable match. I know my antenna is temporary (apex at 21') until I get my tower up
and I know my AT-100pro will match 80m-6m just fine with my 706MKIIG.

In looking back in the archives of this group I saw some references to the Carolina Windom.
I have looked at the data on the packetradio site before and was considering constructing one
based on the 160m data.

Do you think or know if the internal tuner will be able to handle 10m-160m with that setup ?

I will have the apex at about 50 in inverted V fashion when I get it done.
I may end up having to use a different antenna for 160m....but I'm doing research right now.

Thanks in advance and would appreciate the experience of those who have already done this.

73,
Jon
KD5SFA

[Non-text portions of this message have been removed]

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[Non-text portions of this message have been removed]

# 3034. Re: [TS-850_450_690] Re: TS-850 display problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-19 19:28:49 UTC
From: Bill K0ZL
Topic: 3022  Message: 3034

Perhaps I do not understand.

Are you saying that the meter segments flash with an
incoming signal? Is this not the way it is supposed to
work?

b

--- catanga57 <anto.pietro@...> wrote:
>
>
> NO bill,
>
> the "pixel" of the left side flashing following the
> level of the
> signal....
>
> thanks in advance
>
> 73 iz8dvd pietro
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
> > Are you saying that the light is out on the left
> side?
> >
> > bill
> >
> > --- catanga57 <anto.pietro@a...> wrote:
> > >
> > > HI all,
> > > Can someone please help me about this problem:
> in
> > > the my TS-
> > > 850S/AT the left part of the display ( s-meter,
> alc,
> > > pwr
> > > swr .. ) flashlight in function of the level of
> the
> > > signal. I'm
> > > waiting for your reply and thanks for
> > > your kindly
> > > help in advance.
> > >
> > > iz8dvd pietro

> > >
> > >
> > >
> > >
> > >
> > >
> >
> >
> > When in doubt, MODIFY...
>
>
>
>

When in doubt, MODIFY...

# 3035. Re: [TS-850_450_690] Re: New to me TS0850S/AT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-19 22:50:45 UTC
From: Paul Manuel
Topic: 3028  Message: 3035

For you guys who are asking about what sort of antenna the 850's tuner
will match, here is what I am using.

I have a 9:1 balun into about 300 feet of ladderline run to a
400-foot-long doublet. The 850 tunes all bands with no trouble at all.

I realize not everyone has room for a 400-foot antenna, but with a 9:1
balun and ladderline on the output of the 850, there is probably a very
wide range of doublets that can be matched.

Just a thought for further experimentation!
73,
Paul K4PDM

---------------------------------
Do you Yahoo!?
Yahoo! Small Business - Try our new resources site!
http://smallbusiness.yahoo.com/resources/

# 3036. TS-850 AGC died. Any ideas?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-20 03:57:45 UTC
From: k6htm
Topic: 3036  Message: 3036

Receiver is dead on all three settings except off. Receiver works when AGC is off. Tks, -- Charlie K6HTM

# 3037. Re: [TS-850_450_690] TS-850 AGC died. Any ideas?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-20 04:04:19 UTC
From: Bill K0ZL
Topic: 3036  Message: 3037

No s meter reading at all, even on 40M tonight?
(contest going on, everything is S9 plus).

Check that squelch control is CCW

b

--- k6htm <k6htm@...> wrote:
>
> Receiver is dead on all three settings except off.
> Receiver works
> when AGC is off. Tks, -- Charlie K6HTM
>
>
>
>

When in doubt, MODIFY...

# 3038. Re: TS-850 AGC died. Any ideas?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-20 07:47:59 UTC
From: k6htm
Topic: 3036  Message: 3038

That was it. Cockpit problems! Thanks, Bill! 73, -- Charlie K6HTM

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> No s meter reading at all, even on 40M tonight?
> (contest going on, everything is S9 plus).
>
> Check that squelch control is CCW
>
> b
>
> --- k6htm <k6htm@y...> wrote:
> >
> > Receiver is dead on all three settings except off.
> > Receiver works
> > when AGC is off. Tks, -- Charlie K6HTM
> >
> >
> >
> >
>
>
> When in doubt, MODIFY...

# 3039. Re: TS-850 display problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-20 14:52:46 UTC
From: catanga57
Topic: 3022  Message: 3039

hi bill

yes the meter segment and numbers flash with an incoming and
ooutgoing signal.
When no signal incoming some segment and numbers are on.

t pietro

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> Perhaps I do not understand.
>
> Are you saying that the meter segments flash with an
> incoming signal? Is this not the way it is supposed to
> work?
>
> b
>
>
> --- catanga57 <anto.pietro@a...> wrote:
> >
> >
> > NO bill,
> >
> > the "pixel" of the left side flashing following the
> > level of the
> > signal....
> >
> > thanks in advance
> >
> > 73 iz8dvd pietro
> >
> > --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> > <coorsbill@y...>
> > wrote:
> > > Are you saying that the light is out on the left
> > side?
> > >
> > > bill
> > >
> > > --- catanga57 <anto.pietro@a...> wrote:
> > > >
> > > > HI all,
> > > > Can someone please help me about this problem:
> > in
> > > > the my TS-

> > > > 850S/AT the left part of the display ( s-meter,
> > alc,
> > > > pwr
> > > > swr .. ) flashlight in function of the level of
> > the
> > > > signal. I'm
> > > > waiting for your reply and thanks for
> > > > your kindly
> > > > help in advance.
> > > >
> > > > iz8dvd pietro
> > > >
> > > >
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> > > >
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> > >
> > > When in doubt, MODIFY...
> >
> >
> >
> >
>
>
> When in doubt, MODIFY...

# 3040. Re: [TS-850_450_690] Re: TS-850 AGC died. Any ideas?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-20 15:55:51 UTC
From: Bill K0ZL
Topic: 3036  Message: 3040

That's great... Glad you got 'er going

b

--- k6htm <k6htm@...> wrote:
>
> That was it. Cockpit problems! Thanks, Bill! 73,
> -- Charlie K6HTM
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...> wrote:
> > No s meter reading at all, even on 40M tonight?
> > (contest going on, everything is S9 plus).
> >
> > Check that squelch control is CCW
> >
> > b
> >
> > --- k6htm <k6htm@y...> wrote:
> > >
> > > Receiver is dead on all three settings except
> > off.
> > > Receiver works
> > > when AGC is off. Tks, -- Charlie K6HTM
> > >
> > >
> > >
> > >
> > >
> > >
> > When in doubt, MODIFY...
>
>
>
>

When in doubt, MODIFY...

# 3041. Re: [TS-850_450_690] Re: TS-850 display problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-20 15:58:40 UTC
From: Bill K0ZL
Topic: 3022  Message: 3041

Have never seen this before, not able to help. Sorry!

b

--- catanga57 <anto.pietro@...> wrote:
>
>
>
>
>
> hi bill
>
> yes the meter segment and numbers flash with an
> incoming and
> ooutgoing signal.
> When no signal incoming some segment and numbers
> are on.
>
> t pietro
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
> > Perhaps I do not understand.
> >
> > Are you saying that the meter segments flash with
> an
> > incoming signal? Is this not the way it is
> supposed to
> > work?
> >
> > b
> >
> >
> > --- catanga57 <anto.pietro@a...> wrote:
> > >
> > >
> > > NO bill,
> > >
> > > the "pixel" of the left side flashing following
> the
> > > level of the
> > > signal....
> > >
> > > thanks in advance

> > >
> > > 73 iz8dvd pietro
> > >
> > > --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> > > <coorsbill@y...>
> > > wrote:
> > > > Are you saying that the light is out on the
> left
> > > side?
> > > >
> > > > bill
> > > >
> > > > --- catanga57 <anto.pietro@a...> wrote:
> > > > >
> > > > > HI all,
> > > > > Can someone please help me about this
> problem:
> > > in
> > > > > the my TS-
> > > > > 850S/AT the left part of the display (
> s-meter,
> > > alc,
> > > > > pwr
> > > > > swr .. ) flashlight in function of the level
> of
> > > the
> > > > > signal. I'm
> > > > > waiting for your reply and thanks for
> > > > > your kindly
> > > > > help in advance.
> > > > >
> > > > > iz8dvd pietro
> > > > >
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> > > > When in doubt, MODIFY...
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> >
> > When in doubt, MODIFY...
>
>

>
>

When in doubt, MODIFY...

# 3042. Re: [TS-850_450_690] Still Looking for a clean Non Smoking TS 850 or TS 450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-20 17:05:01 UTC
From: Bill K0ZL
Topic: 2911  Message: 3042

Still looking?

b

--- ft920yaesu1997 <ft920yaesu1997@...> wrote:
>
> Still Looking for a clean Non Smoking TS 850 or TS
> 450
> Thanks
>
>
>
>
>

When in doubt, MODIFY...

# 3043. Re: TS-850 display problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-20 20:57:24 UTC
From: catanga57
Topic: 3022  Message: 3043

thanks bill,

73 iz8dvd

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> Have never seen this before, not able to help. Sorry!
>
> b
>
> --- catanga57 <anto.pietro@a...> wrote:
> >
> >
> >
> >
> >
> > hi bill
> >
> > yes the meter segment and numbers flash with an
> > incoming and
> > ooutgoing signal.
> > When no signal incoming some segment and numbers
> > are on.
> >
> > t pietro
> >
> > --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> > <coorsbill@y...>
> > wrote:
> > > Perhaps I do not understand.
> > >
> > > Are you saying that the meter segments flash with
> > an
> > > incoming signal? Is this not the way it is
> > supposed to
> > > work?
> > >
> > > b
> > >
> > >
> > > --- catanga57 <anto.pietro@a...> wrote:
> > > >
> > > >
> > > > NO bill,
> > > >

> > > > the "pixel" of the left side flashing following
> > the
> > > > level of the
> > > > signal....
> > > >
> > > > thanks in advance
> > > >
> > > > 73 iz8dvd pietro
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> > > > <coorsbill@y...>
> > > > wrote:
> > > > > Are you saying that the light is out on the
> > left
> > > > side?
> > > > >
> > > > > bill
> > > > >
> > > > > --- catanga57 <anto.pietro@a...> wrote:
> > > > > >
> > > > > HI all,
> > > > > Can someone please help me about this
> > problem:
> > > > in
> > > > > the my TS-
> > > > > 850S/AT the left part of the display (
> > s-meter,
> > > > alc,
> > > > > pwr
> > > > > swr .. ) flashlight in function of the level
> > of
> > > > the
> > > > > signal. I'm
> > > > > waiting for your reply and thanks for
> > > > > your kindly
> > > > > help in advance.
> > > > >
> > > > > iz8dvd pietro
> > > > >
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> > > > When in doubt, MODIFY...
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> > > When in doubt, MODIFY...
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>
> When in doubt, MODIFY...

# 3044. TS450SAT Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-21 02:49:11 UTC
From: Jim Rigel
Topic: 3044  Message: 3044

Hi,
I have a Kenwood TS-450S AT HF rig. Having a problem after 10 years of good working. Name is Jim KB7OCN
Wanted to see if anyone has an answer for me? It has been not used for a couple years and I put my antenna backup last week. It worked fine till last night, when it will not tx with key or mic. However it will put out power when the AT button is pressed for tuning. I have reread the book and tried doing everything in order as in manual, but still not working.
Thank You,
-Jim KB7OCN

[Non-text portions of this message have been removed]

# 3046. transmit frequency

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-21 23:53:24 UTC
From: pgondos
Topic: 3046  Message: 3046

Dear sir(s):
I am using Digipan 2.0 with my TS850S for PSK31. My friend says
he has to move his receive frequency everytime I transmit to "tune"
me in. Any help? Thanks.

Paul Gondos, KA3JOI
pgondos@...

# 3047. Re: TS450SAT Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-22 02:50:07 UTC
From: Roy Sakabu
Topic: 3044  Message: 3047

Have you checked the menu to see if TX inhibit was somehow turned on?
You might also want to do a full reset.

73
Roy
AD6ZU

--- In TS-850_450_690@yahoogroups.com, "Jim Rigel" <rigel@u...> wrote:
> Hi,
> I have a Kenwood TS-450S AT HF rig. Having a problem after 10 years
of good working. Name is Jim KB7OCN
> Wanted to see if anyone has an answer for me? It has been not used
for a couple years and I put my antenna backup last week. It worked
fine till last night, when it will not tx with key or mic. However it
will put out power when the AT button is pressed for tuning. I have
reread the book and tried doing everything in order as in manual, but
still not working.
> Thank You,
> -Jim KB7OCN
>
> [Non-text portions of this message have been removed]

# 3048. Re: [TS-850_450_690] transmit frequency

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-22 03:02:59 UTC
From: ve3wej
Topic: 3046  Message: 3048

try it with someone else to confirm. If you are on 20 meters, you both should be on 14.070.15... All he or you have to do is click on the screen to find you (loose explanation). maybe he is NOT display a wide enough screen and you are out of his range.

DAve

----- Original Message -----
From: "pgondos" <pgondos@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, March 21, 2005 6:53 PM
Subject: [TS-850_450_690] transmit frequency

>
>
> Dear sir(s):
> I am using Digipan 2.0 with my TS850S for PSK31. My friend says
> he has to move his receive frequency everytime I transmit to "tune"
> me in. Any help? Thanks.
>
>
> Paul Gondos, KA3JOI
> pgondos@...
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>
>
>
>
>

# 3049. Re: [TS-850_450_690] transmit frequency

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-22 06:21:50 UTC
From: eplist
Topic: 3046  Message: 3049

Just one thought...

With PSK softwares, if depends on how you set your tones. if AFC is ON
and net is OFF, your frequency can move around !
Perhaps nothing to do with the TS850 !

73, Patrick

>
> Dear sir(s):
> I am using Digipan 2.0 with my TS850S for PSK31. My friend says
> he has to move his receive frequency everytime I transmit to "tune"
> me in. Any help? Thanks.
>
>
> Paul Gondos, KA3JOI
> pgondos@...
>

# 3050. Re: [TS-850_450_690] transmit frequency

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-22 14:03:48 UTC
From: Bill K0ZL
Topic: 3046  Message: 3050

If you are both using LSB, and both indicating the same frequency, you should both BE on the same "frequency" in PSK. I put that in quotes, because the frequency that YOU are indicating on your 850 is "zero beat" frequency, that your rig would put out if you had a carrier. Since you are in LSB mode, you are not putting out any carrier and your actual transmit "frequency" will be your carrier (indicated) frequency MINUS the modulating tone frequency(s).

If your friend's rig is also a Kenwood TS-850, you should both be indicating the same frequency (zero beat) and your PSK tones should be in the same place.

Other rigs use different schemes for frequency generation and could be off perhaps by as much as 1.5 Khz, or more, depending on the model.

bill
--- pgondos <pgondos@...> wrote:
>
> Dear sir(s):
> I am using Digipan 2.0 with my TS850S for PSK31.
> My friend says
> he has to move his receive frequency everytime I
> transmit to "tune"
> me in. Any help? Thanks.
>
>
> Paul Gondos, KA3JOI
> pgondos@...
>
>
>
>

When in doubt, MODIFY...

# 3051. TS-450SAT Serial Number

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-22 21:25:04 UTC
From: k6akr
Topic: 3051  Message: 3051

Hello All,

Having received my very lightly used TS-450SAT from the seller (thank you) and having straightened out my confusion regarding the mic gain setting (thanks to all your advice here) I noticed that I could not find a serial number on my rig. Is it stamped somewhere or is it on a sticker that fell off? Any hints would be appreciated.

Thank you,
Art K6AKR

# 3052. Newbie Seeks advice on TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-24 23:47:25 UTC
From: Vinnie
Topic: 3052  Message: 3052

Hi. I just got my general ticket. I do not have any equipment yet. I am interested in a TS-440 or 450. I was just recently on the TS-440 group, and some helpful people explained to me what the pros and cons were, with the 440. A couple people mentioned I should look into the TS-450. There seems to be less info on the internet regarding the 450 than the 440. Anyway, my questions are:

1. What are the difference between the 440 and 450.

2. What years were they produced? Serials to look for?

3. Anything else of help.

I want to spend not more than about $500. I figured this is good enough to get the 440, and some 450s.

Thanks,

Vinnie KC2NXV

# 3053. Re: Newbie Seeks advice on TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-25 00:34:45 UTC
From: Steve Matda
Topic: 3052  Message: 3053

The 450 is a much lighter rig...the first time I picked up a 440 I thought my arm was going to be yanked out of my socket compared to my 450.

The 450 has an adjustable power output (the 440 doesn't--if you don't consider the mic gain control a power adjustment).

The 450 has the capability for more RX filtering.

The 450 was produced up until at least 1994 (that's when I got mine).

I think the only thing to watch out for on the 450 would be the battery leak situation. I replaced mine at 9 years and it showed a little leakage.

On the 440, you have the PLL/VCO issues and cold solder joints. If you're handy with doing some PC board work this shouldn't scare you off if you find a reaally nice 440 for a decent price..it's a very servicable rig and will give years of service once the bugs are worked out.

Both are pretty much bulletproof except for those issues. The only reason that I prefer the 450 is because it's been my only HF rig for 11 years now.

Hope this helps

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "Vinnie" <yankees_1996@h...> wrote:
>
> Hi. I just got my general ticket. I do not have any equipment yet. I
> am interested in a TS-440 or 450. I was just recently on the TS-440
> group, and some helpful people explained to me what the pros and cons
> were, with the 440. A couple people mentioned I should look into the
> TS-450. There seems to be less info on the internet regarding the 450
> than the 440. Anyway, my questions are:
>
> 1. What are the difference between the 440 and 450.
>
> 2. What years were they produced? Serials to look for?

>
> 3. Anything else of help.
>
> I want to spend not more than about $500. I figured this is good
> enough to get the 440, and some 450s.
>
>
> Thanks,
>
> Vinnie KC2NXV

# 3054. Re: [TS-850_450_690] Newbie Seeks advice on TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-25 00:38:33 UTC
From: N7ZXP
Topic: 3052  Message: 3054

The 450 is a much better radio. I had a 430-440 and now I have a 450. The 450 is the only way to go. If you go to Mod/dk on the internet you can download brochures and manuals to read up on them.
----- Original Message -----
From: Vinnie
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, March 24, 2005 3:47 PM
Subject: [TS-850_450_690] Newbie Seeks advice on TS-450

Hi. I just got my general ticket. I do not have any equipment yet. I
am interested in a TS-440 or 450. I was just recently on the TS-440
group, and some helpful people explained to me what the pros and cons
were, with the 440. A couple people mentioned I should look into the
TS-450. There seems to be less info on the internet regarding the 450
than the 440. Anyway, my questions are:

1. What are the difference between the 440 and 450.

2. What years were they produced? Serials to look for?

3. Anything else of help.

I want to spend not more than about $500. I figured this is good
enough to get the 440, and some 450s.

Thanks,

Vinnie KC2NXV

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[Non-text portions of this message have been removed]

# 3055. Battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-25 01:03:13 UTC
From: Lane Giard
Topic: 3055  Message: 3055

Can someone give me the part # for the memory battery. Thanks

# 3056. Battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-25 01:13:49 UTC
From: Lane Giard
Topic: 3055  Message: 3056

I forgot to say it is a TS-450S

# 3057. Re: [TS-850_450_690] Battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-25 02:23:45 UTC
From: n7ioh
Topic: 3055  Message: 3057

Hi Lane, I kept my old battery in the Kenwood box and the part number is KW09-0514-05. It should still be a good number.

When I replaced my battery in my TS-690S/AT, I went to a larger Lithium battery. I ordered a CR2450 from Radio Shack #RSU99600225 for $5.00. I soldered longer wires onto the new battery and placed the battery in the cap off of a vitamin bottle. I placed a little silicone glue on the wires and the edge of the cap to hold things in place (let the glue cure overnight). I then soldered the wires from the new battery to where the old battery wires were connected removing the old battery and wires. The cap now sits in any out of the way place and if it ever does leak it will leak into the plastic cap, no problems.

Al, N7IOH

Lane Giard wrote:

>Can someone give me the part # for the memory battery. Thanks
>
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3058. Re: [TS-850_450_690] Battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-25 02:48:20 UTC
From: N7ZXP
Topic: 3055  Message: 3058

Thanks
----- Original Message -----
From: n7ioh
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, March 24, 2005 6:23 PM
Subject: Re: [TS-850_450_690] Battery

Hi Lane, I kept my old battery in the Kenwood box and the part
number is KW09-0514-05. It should still be a good number.

When I replaced my battery in my TS-690S/AT, I went to a
larger Lithium battery. I ordered a CR2450 from Radio Shack
#RSU99600225 for $5.00. I soldered longer wires onto the new battery and
placed the battery in the cap off of a vitamin bottle. I placed a little
silicone glue on the wires and the edge of the cap to hold things in
place (let the glue cure overnight). I then soldered the wires from the
new battery to where the old battery wires were connected removing the
old battery and wires. The cap now sits in any out of the way place and
if it ever does leak it will leak into the plastic cap, no problems.

Al, N7IOH

Lane Giard wrote:

>Can someone give me the part # for the memory battery. Thanks
>
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>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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[Non-text portions of this message have been removed]

# 3059. Memory Battery Changed on TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-25 02:50:10 UTC
From: Sergio Potes
Topic: 3059  Message: 3059

Have adquired a TS-850 ( serial number #70..)after selling my
original one and regreting selling the original radio.
I just like this radios receiver and great qsk.
Have two 500 Hz. filters and a 1.8 Kz filter. This is one of my
favorite radios for cw or ssb.
I have changed the memory battery and is now stored next to the
filters switch and dru2 location. Changing it was fearly simple.
If you check the receiver numbers this radio has one of the best
receivers. I have an Orion and the 850 receives everything the Orion
receives.
Hope that Kenwood makes a sequal to this great radio...
Regards! Sergio Ae4to

# 3060. Re: [TS-850_450_690] Re: Newbie Seeks advice on TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-25 14:28:17 UTC
From: Bill K0ZL
Topic: 3052  Message: 3060

Also the 440 has a built-in keyer; the 450 does not.

I just sold a 450 on "buy it now" eBay, including
shipping, for $550. This was with mic and DC cord,
owners manual but no extra filters. It was in very
good to excellent shape, with a no-DOA guarantee.

You should expect to pay about the same, and roughly
the same for a 440 that has been gone through by a
good tech with all the necessary resoldering, cleaning
of goop, etc and a fresh memory battery, cosmetically
very good to excellent and mic, dc cable and book. Not
necessarily original boxes (you really don't want to
ship in those anyway as they are not good for damage
control in shipping).
b

--- Steve Matda <ke4mob@...> wrote:
>
> The 450 is a much lighter rig...the first time I
> picked up a 440 I
> thought my arm was going to be yanked out of my
> socket compared to my
> 450.
>
> The 450 has an adjustable power output (the 440
> doesn't--if you don't
> consider the mic gain control a power adjustment).
>
> The 450 has the capability for more RX filtering.
>
> The 450 was produced up until at least 1994 (that's
> when I got
> mine).
>
> I think the only thing to watch out for on the 450
> would be the
> battery leak situation. I replaced mine at 9 years
> and it showed a
> little leakage.
>
> On the 440, you have the PLL/VCO issues and cold
> solder joints. If
> you're handy with doing some PC board work this
> shouldn't scare you
> off if you find a reaally nice 440 for a decent

> price..it's a very
> servicable rig and will give years of service once
> the bugs are
> worked out.
>
> Both are pretty much bulletproof except for those
> issues. The only
> reason that I prefer the 450 is because it's been my
> only HF rig for
> 11 years now.
>
> Hope this helps
>
> Steve, KE4MOB
>
> --- In TS-850_450_690@yahoogroups.com, "Vinnie"
> <yankees_1996@h...>
> wrote:
> >
> > Hi. I just got my general ticket. I do not have
> any equipment yet.
> I
> > am interested in a TS-440 or 450. I was just
> recently on the TS-440
> > group, and some helpful people explained to me
> what the pros and
> cons
> > were, with the 440. A couple people mentioned I
> should look into
> the
> > TS-450. There seems to be less info on the
> internet regarding the
> 450
> > than the 440. Anyway, my questions are:
> >
> > 1. What are the difference between the 440 and
> 450.
> >
> > 2. What years were they produced? Serials to look
> for?
> >
> > 3. Anything else of help.
> >
> > I want to spend not more than about $500. I
> figured this is good
> > enough to get the 440, and some 450s.
> >
> >
> > Thanks,
> >

> > Vinnie KC2NXV
>
>
>
>

When in doubt, MODIFY...

# 3061. Re: [TS-850_450_690] Battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-25 14:30:48 UTC
From: Bill K0ZL
Topic: 3055  Message: 3061

W09-0514-05, LET ME double check this when I get home
tonight.

bill

--- Lane Giard <n7zxp@...> wrote:
>
> Can someone give me the part # for the memory
> battery. Thanks
>
>
>
>

When in doubt, MODIFY...

# 3062. Re: [TS-850_450_690] Battery

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-25 14:33:13 UTC
From: Bill K0ZL
Topic: 3055  Message: 3062

Ha, I was right.

450-850-690 all use same batt

You can use the W09-0326-05 or Digikey P025-ND if you solder some wire leads to the board holes, then solder the battery tabs to the wires; the Digikey batt is only about $2.25 and also works in a plethora of other rigs.

b

--- n7ioh <n7ioh@...> wrote:
> Hi Lane, I kept my old battery in the Kenwood
> box and the part
> number is KW09-0514-05. It should still be a good
> number.
>
> When I replaced my battery in my TS-690S/AT, I
> went to a
> larger Lithium battery. I ordered a CR2450 from
> Radio Shack
> #RSU99600225 for $5.00. I soldered longer wires onto
> the new battery and
> placed the battery in the cap off of a vitamin
> bottle. I placed a little
> silicone glue on the wires and the edge of the cap
> to hold things in
> place (let the glue cure overnight). I then soldered
> the wires from the
> new battery to where the old battery wires were
> connected removing the
> old battery and wires. The cap now sits in any out
> of the way place and
> if it ever does leak it will leak into the plastic
> cap, no problems.
>
> Al, N7IOH
>
>
> Lane Giard wrote:
>
> >Can someone give me the part # for the memory
> battery. Thanks
> >
> >

> >
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> >
> >THANKS FOR USING TS-850_450_690@...
> >Yahoo! Groups Links
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When in doubt, MODIFY...

# 3063. Re: [TS-850_450_690] Memory Battery Changed on TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-25 14:34:47 UTC
From: Bill K0ZL
Topic: 3059  Message: 3063

Sergio,

I have an old National NC-300 and it receives
everything the TS-850 hears, hi!!

On CW it's almost as narrow... SSB is listenable but a
"bit" broader than the 850; AM sounds a lot better on
the NC-300 (tubes) hi...

b

--- Sergio Potes <verotex@...> wrote:
>
> Have adquired a TS-850 ( serial number #70..)after
> selling my
> original one and regreting selling the original
> radio.
> I just like this radios receiver and great qsk.
> Have two 500 Hz. filters and a 1.8 Kz filter. This
> is one of my
> favorite radios for cw or ssb.
> I have changed the memory battery and is now stored
> next to the
> filters switch and dru2 location. Changing it was
> fearly simple.
> If you check the receiver numbers this radio has one
> of the best
> receivers. I have an Orion and the 850 receives
> everything the Orion
> receives.
> Hope that Kenwood makes a sequal to this great
> radio...
> Regards! Sergio Ae4to
>
>
>
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>

When in doubt, MODIFY...

# 3064. Re: [TS-850_450_690] Newbie Seeks advice on TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-25 14:41:06 UTC
From: Bill K0ZL
Topic: 3052  Message: 3064

RE serial numbers, don't worry about them. I have seen
"dogs" of all serial number runs.

Main thing is, get a NON SMOKER'S radio, one that
looks GREAT cosmetically, and if it's a 440 with
occasional "all dots" issues, or distortion on RX or
TX, offer $300. This will allow you to cover needed
repairs and have a fantastic rig for under $550.

bill

--- Vinnie <yankees_1996@...> wrote:
>
> Hi. I just got my general ticket. I do not have any
> equipment yet. I
> am interested in a TS-440 or 450. I was just
> recently on the TS-440
> group, and some helpful people explained to me what
> the pros and cons
> were, with the 440. A couple people mentioned I
> should look into the
> TS-450. There seems to be less info on the internet
> regarding the 450
> than the 440. Anyway, my questions are:
>
> 1. What are the difference between the 440 and 450.
>
> 2. What years were they produced? Serials to look
> for?
>
> 3. Anything else of help.
>
> I want to spend not more than about $500. I figured
> this is good
> enough to get the 440, and some 450s.
>
>
> Thanks,
>
> Vinnie KC2NXV
>
>
>
>

When in doubt, MODIFY...

# 3065. Re: [TS-850_450_690] Re: Newbie Seeks advice on TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-25 15:19:26 UTC
From: Frederick Van Veen
Topic: 3052  Message: 3065

I bought a 450 on eBay a couple of years ago. Paid about $675, but the deal included a Heil hand mike, an MC-85 desk mike, and shipping from California to Maine.
The rig also came with all filters installed. Everything works like a charm; it's the best rig I've ever owned.
Had the battery repositioned to an easier place to get at - just as a precaution; the battery itself was fine.
Yes, the NC-300 is a great receiver (I owned an NC-303 once), with great audio. I still have a BC-224, fully operational, which has fabulous audio. But boy, those old rigs are big and heavy!
The TS-450 is a winner, all the way.
Fred W1NYL
On Mar 25, 2005, at 9:28 AM, Bill K0ZL wrote:

>
> Also the 440 has a built-in keyer; the 450 does not.
>
> I just sold a 450 on "buy it now" eBay, including
> shipping, for $550. This was with mic and DC cord,
> owners manual but no extra filters. It was in very
> good to excellent shape, with a no-DOA guarantee.
>
> You should expect to pay about the same, and roughly
> the same for a 440 that has been gone through by a
> good tech with all the necessary resoldering, cleaning
> of goop, etc and a fresh memory battery, cosmetically
> very good to excellent and mic, dc cable and book. Not
> necessarily original boxes (you really don't want to
> ship in those anyway as they are not good for damage
> control in shipping).
> b
>
> --- Steve Matda <ke4mob@...> wrote:
>>
>> The 450 is a much lighter rig...the first time I
>> picked up a 440 I
>> thought my arm was going to be yanked out of my
>> socket compared to my
>> 450.
>>
>> The 450 has an adjustable power output (the 440
>> doesn't--if you don't
>> consider the mic gain control a power adjustment).
>>
>> The 450 has the capability for more RX filtering.

>>
>> The 450 was produced up until at least 1994 (that's
>> when I got
>> mine).
>>
>> I think the only thing to watch out for on the 450
>> would be the
>> battery leak situation. I replaced mine at 9 years
>> and it showed a
>> little leakage.
>>
>> On the 440, you have the PLL/VCO issues and cold
>> solder joints. If
>> you're handy with doing some PC board work this
>> shouldn't scare you
>> off if you find a reaally nice 440 for a decent
>> price..it's a very
>> servicable rig and will give years of service once
>> the bugs are
>> worked out.
>>
>> Both are pretty much bulletproof except for those
>> issues. The only
>> reason that I prefer the 450 is because it's been my
>> only HF rig for
>> 11 years now.
>>
>> Hope this helps
>>
>> Steve, KE4MOB
>>
>> --- In TS-850_450_690@yahoogroups.com, "Vinnie"
>> <yankees_1996@h...>
>> wrote:
>>>
>>> Hi. I just got my general ticket. I do not have
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>> I
>>> am interested in a TS-440 or 450. I was just
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>>> group, and some helpful people explained to me
>> what the pros and
>> cons
>>> were, with the 440. A couple people mentioned I
>> should look into
>> the
>>> TS-450. There seems to be less info on the
>> internet regarding the
>> 450
>>> than the 440. Anyway, my questions are:

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>>> 1. What are the difference between the 440 and
>> 450.
>>>
>>> 2. What years were they produced? Serials to look
>> for?
>>>
>>> 3. Anything else of help.
>>>
>>> I want to spend not more than about $500. I
>> figured this is good
>>> enough to get the 440, and some 450s.
>>>
>>>
>>> Thanks,
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>>> Vinnie KC2NXV
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> When in doubt, MODIFY...
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> THANKS FOR USING TS-850_450_690@...
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# 3066. ts440 built in keyer

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-25 15:19:18 UTC
From: ve3wej
Topic: 3066  Message: 3066

> Also the 440 has a built-in keyer; the 450 does not.

Where is it located????? never seen one, or were by chance talking the other way around or maybe the 850 (which does have one)

Dave

# 3067. Newbie

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-25 15:44:58 UTC
From: afa1lq@comcast.net
Topic: 2033  Message: 3067

Hello group, I am a newbie to the list, and a new TS-450SAT owner.
Thanks to Bill for a really nice rig. I love it.

Ray - N8VZL

# 3068. Re: [TS-850_450_690] Newbie

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-25 20:46:47 UTC
From: N7ZXP
Topic: 2033  Message: 3068

Congrats, The TS-450 is a great radio. The one thing I recommend is that you change the battery if you cant verify that is has been done. I ran wires from the stock location to a more easly accessed area. I put the new battery in a Med bottle cap under the speaker.
Mabee I'll hear you on the 3.970.00.
Lane N7ZXP
----- Original Message -----
From: afa1lq@...
To: TS-850_450_690@yahoogroups.com
Sent: Friday, March 25, 2005 7:44 AM
Subject: [TS-850_450_690] Newbie

Hello group, I am a newbie to the list, and a new TS-450SAT owner.
Thanks to Bill for a really nice rig. I love it.

Ray - N8VZL

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[Non-text portions of this message have been removed]

# 3069. Re: [TS-850_450_690] ts440 built in keyer

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-26 02:52:54 UTC
From: Bill Maddock
Topic: 3066  Message: 3069

Sorry, the TS-440S dose not have a built in keyer - I owned on for about 5 years!

73,

Bill N4ZI

ve3wej <ve3wej@...> wrote:
> Also the 440 has a built-in keyer; the 450 does not.

Where is it located????? never seen one, or were by chance talking the other
way around or maybe the 850 (which does have one)

Dave

THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

# 3070. Re: [TS-850_450_690] ts440 built in keyer

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-26 12:48:16 UTC
From: ve3wej
Topic: 3066  Message: 3070

That is what I was getting at, I have had one since 1990, and never remembered having one. just want to make sure that a proper comparison is done.

----- Original Message -----
From: "Bill Maddock" <n4zi96@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, March 25, 2005 9:52 PM
Subject: Re: [TS-850_450_690] ts440 built in keyer

>
> Sorry, the TS-440S dose not have a built in keyer - I owned on for about 5 years!
>
> 73,
>
> Bill N4ZI
>
> ve3wej <ve3wej@...> wrote:
> > Also the 440 has a built-in keyer; the 450 does not.
>
>
> Where is it located????? never seen one, or were by chance talking the other
> way around or maybe the 850 (which does have one)
>
>
> Dave
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
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> Yahoo! Groups Links
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> http://groups.yahoo.com/group/TS-850_450_690/
>
> To unsubscribe from this group, send an email to:

> TS-850_450_690-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
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> ---
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> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>
> [Non-text portions of this message have been removed]
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3071. Re: [TS-850_450_690] ts440 built in keyer

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-26 14:27:54 UTC
From: Bill K0ZL
Topic: 3066  Message: 3071

Nah I was under impression that the 440 had a keyer;
it doesn't.

bill

--- ve3wej <ve3wej@...> wrote:
> > Also the 440 has a built-in keyer; the 450 does
> not.
>
>
> Where is it located????? never seen one, or were by
> chance talking the other
> way around or maybe the 850 (which does have one)
>
>
> Dave
>
>
>

When in doubt, MODIFY...

# 3072. Re: [TS-850_450_690] Newbie

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-26 14:28:45 UTC
From: Bill K0ZL
Topic: 2033  Message: 3072

Glad that you are happy, Ray!

73,

Bill

--- afa1lq@... wrote:
>
> Hello group, I am a newbie to the list, and a new
> TS-450SAT owner.
> Thanks to Bill for a really nice rig. I love it.
>
> Ray - N8VZL
>
>
>
>
>

When in doubt, MODIFY...

# 3073. Re: [TS-850_450_690] ts440 built in keyer

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-26 15:01:18 UTC
From: Zack Widup
Topic: 3066  Message: 3073

I've been thinking about putting a small keyer in my 440 which I use for FD and other portable operations now and then.

The microcontroller world has truly made some neat advances. Microchip has a fairly new 10F series of chips with only 6 pins. I might program one of them with a keyer program. You really only need 5 pins for a keyer - power, ground, two for the paddle and one for the output.

I can make a complete keyer on a 1/2 inch square PC board!

73, Zack W9SZ

On Sat, 26 Mar 2005, Bill K0ZL wrote:

>
> Nah I was under impression that the 440 had a keyer;
> it doesn't.
>
> bill
>

# 3074. TS-850 & TS-480

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-27 20:05:10 UTC
From: Leon
Topic: 3074  Message: 3074

Hi all
Hope to be not OT,.....has anyone on this group used the TS-480, in either version, and how did it compare with the 850?

Second question, I have a 850SAT, does anyone knows if is produced a line transverter for 50/144/430, where I can find info or a piece of it?

IZØEHO Andrea
www.iz0eho.com

[Non-text portions of this message have been removed]

# 3075. Re: [TS-850_450_690] TS-850 & TS-480

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-27 21:40:58 UTC
From: Bill K0ZL
Topic: 3074  Message: 3075

No transverters by Kenwood for the 850; this is
strictly "roll your own" territory.

The 480 is a fine radio; I set one up for a guy
overseas, with the narrow CW and fone filters; it
played very nicely and he likes it very much.

It will be the rig that I get for my mobile, someday
soon I hope!

73,

bill K0ZL

--- Leon <leon2000@...> wrote:
> Hi all
> Hope to be not OT,.....has anyone on this group used
> the TS-480, in either version, and how did it
> compare with the 850?
>
> Second question, I have a 850SAT, does anyone knows
> if is produced a line transverter for 50/144/430,
> where I can find info or a piece of it?
>
> IZ?EHO Andrea
> www.iz0eho.com
>
>
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3076. Re: [TS-850_450_690] TS-850 & TS-480

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-27 21:50:23 UTC
From: Leon
Topic: 3074  Message: 3076

Hi Bill
tnx for your answer, I would like your opinion which one do you prefere?

Do you know where I can find a transverter for magic band to complete my
ts850sat line?

73
IZ?EHO Andrea
www.iz0eho.com

Subject: Re: [TS-850_450_690] TS-850 & TS-480

>
> No transverters by Kenwood for the 850; this is
> strictly "roll your own" territory.
>
> The 480 is a fine radio; I set one up for a guy
> overseas, with the narrow CW and fone filters; it
> played very nicely and he likes it very much.
>
> It will be the rig that I get for my mobile, someday
> soon I hope!
>
> 73,
>
> bill K0ZL
>

# 3077. Re: [TS-850_450_690] TS-850 & TS-480

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-27 22:55:58 UTC
From: Ron Meiring
Topic: 3074  Message: 3077

Have both.

The 480 is a nice toy. The 850 is the better rig.
Sounds better, in RX and TX.
Reception wise, almost no differences.

Repair.
480 big problem if it needs repair.
850 DIY is still possible.

Cheers
Ron VK6KDD

On Sun, 27 Mar 2005 23:50:23 +0200, Leon wrote:
>Hi Bill
>tnx for your answer, I would like your opinion which one do you
>prefere?
>
>Do you know where I can find a transverter for magic band to
>complete my
>ts850sat line?
>
>73
>IZ?EHO Andrea
>www.iz0eho.com
>
>
>Subject: Re: [TS-850_450_690] TS-850 & TS-480
>
>
>>
>>No transverters by Kenwood for the 850; this is
>>strictly "roll your own" territory.
>>
>>The 480 is a fine radio; I set one up for a guy
>>overseas, with the narrow CW and fone filters; it
>>played very nicely and he likes it very much.
>>
>>It will be the rig that I get for my mobile, someday
>>soon I hope!
>>
>>73,
>>
>>bill K0ZL
>>
>

>
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>
>THANKS FOR USING TS-850_450_690@...
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>
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>Yahoo! Groups Links
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>To visit your group on the web, go to:
>http://groups.yahoo.com/group/TS-850_450_690/
>
>To unsubscribe from this group, send an email to:
>TS-850_450_690-unsubscribe@yahoogroups.com
>
>Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>

# 3078. Re: [TS-850_450_690] TS-850 & TS-480

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-28 06:46:01 UTC
From: n7ioh
Topic: 3074  Message: 3078

Hi Leon, here is the list of transverters from eHam that have been reviewed, http://www.eham.net/reviews/products/52 It looks like the TenTec line has some good offerings. You will most likely have to read all of them and maybe even email the writer of the reviews to get more information. I hope this helps some.

Al, N7IOH

Leon wrote:

>Hi all
>Hope to be not OT,.....has anyone on this group used the TS-480, in either version, and how did it compare with the 850?
>
>Second question, I have a 850SAT, does anyone knows if is produced a line transverter for 50/144/430, where I can find info or a piece of it?
>
>IZ?EHO Andrea
>www.iz0eho.com
>
>
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>
>[Non-text portions of this message have been removed]
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3079. Re: [TS-850_450_690] TS-850 & TS-480

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-29 03:36:53 UTC
From: Bill K0ZL
Topic: 3074  Message: 3079

All transverters for the 850 are going to be
HOMEBREWED om... Kenwood does not make them.

I like the TenTec 6M transverter kit, only 99.00 USD
if still available and they work well with any rig
that can make 10 watts on tx.

As for 480 vs 850, take the 480 if you are going to do
mobile.

Otherwise the 850 as it is more impressive.

73,

Bill K0ZL

--- Leon <leon2000@...> wrote:
> Hi Bill
> tnx for your answer, I would like your opinion
> which one do you prefere?
>
> Do you know where I can find a transverter for magic
> band to complete my
> ts850sat line?
>
> 73
> IZ?EHO Andrea
> www.iz0eho.com
>
>
> Subject: Re: [TS-850_450_690] TS-850 & TS-480
>
>
> >
> > No transverters by Kenwood for the 850; this is
> > strictly "roll your own" territory.
> >
> > The 480 is a fine radio; I set one up for a guy
> > overseas, with the narrow CW and fone filters; it
> > played very nicely and he likes it very much.
> >
> > It will be the rig that I get for my mobile,
> someday
> > soon I hope!
> >
> > 73,

> >
> > bill K0ZL
> >
>
>
>

When in doubt, MODIFY...

# 3080. Re: TS-850 & TS-480

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-29 05:19:03 UTC
From: max_ve3tmt
Topic: 3074  Message: 3080

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> All transverters for the 850 are going to be
> HOMEBREWED om... Kenwood does not make them.

I have successfully used a Yaesu FTV-700 with my 850. Worked very
well. Blew the receive out of it by accidentally TX about 50W into it
but it was easily fixed. Used the 850 to work the local 2m repeaters.
Very cool with the actual 2m frequency showing on the rig.

Max

# 3081. real cost TS-850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-29 05:29:25 UTC
From: Valentin Kon
Topic: 3081  Message: 3081

Hello group,

I want to ask: what is real cost TS-850S (no ant tuner)?

Thanks.

73!

Valentin de UR7HBU

---
Do you Yahoo!?
Yahoo! Small Business - Try our new resources site!

[Non-text portions of this message have been removed]

# 3082. CAT Interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-29 10:41:44 UTC
From: Gutierrez, Antonio
Topic: 3082  Message: 3082

Hello ALL,

I recently bought a CAT interface for my TS850SAT. It looks quite OK (http://www.reimesch.de/amateurfunk_en.html). It has an USB connection to the PC and goes to the ACC1 interface in the rig. I am using XP and the driver maps the USB into COM3 in my laptop. I have used N1MM, Winlog and KMIJ in order to take control of the transceiver. No way!! The winkey gets some garbled characters when trying to send with Winlog. The program also hangs when starting.....

Do any of you have experience with this interface?
Do you know of any Software that I can try to get the interface working?

Thanks for your help
73´s
Antonio
EA4KT

[Non-text portions of this message have been removed]

# 3083. Re: [TS-850_450_690] Re: TS-850 & TS-480

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-29 13:16:05 UTC
From: Bill K0ZL
Topic: 3074  Message: 3083

Holy cow, a TS-850 and transverter to get on Ham CB...
now why didn't I think of that? hi hi...

b

--- max_ve3tmt <max_ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...> wrote:
> > All transverters for the 850 are going to be
> > HOMEBREWED om... Kenwood does not make them.
>
> I have successfully used a Yaesu FTV-700 with my
> 850. Worked very
> well. Blew the receive out of it by accidentally TX
> about 50W into it
> but it was easily fixed. Used the 850 to work the
> local 2m repeaters.
> Very cool with the actual 2m frequency showing on
> the rig.
>
> Max
>
>
>
>

When in doubt, MODIFY...

# 3084. Re: [TS-850_450_690] TS-850 & TS-480

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-29 13:20:24 UTC
From: Bill K0ZL
Topic: 3074  Message: 3084

Having done filters installs and 60M tx mod on the
480, I didn't see any greater challenges for repair
than the 850 series. What did you see of it? Just
curious...

bill

--- Ron Meiring <rmeiring@...> wrote:
> Have both.
>
> The 480 is a nice toy. The 850 is the better rig.
> Sounds better, in RX and TX.
> Reception wise, almost no differences.
>
> Repair.
> 480 big problem if it needs repair.
> 850 DIY is still possible.
>
> Cheers
> Ron VK6KDD
>
>
> On Sun, 27 Mar 2005 23:50:23 +0200, Leon wrote:
> >Hi Bill
> >tnx for your answer, I would like your opinion
> which one do you
> >prefere?
> >
> >Do you know where I can find a transverter for
> magic band to
> >complete my
> >ts850sat line?
> >
> >73
> >IZ?EHO Andrea
> >www.iz0eho.com
> >
> >
> >Subject: Re: [TS-850_450_690] TS-850 & TS-480
> >
> >
> >>
> >>No transverters by Kenwood for the 850; this is
> >>strictly "roll your own" territory.
> >>

> >>The 480 is a fine radio; I set one up for a guy
> >>overseas, with the narrow CW and fone filters; it
> >>played very nicely and he likes it very much.
> >>
> >>It will be the rig that I get for my mobile,
> someday
> >>soon I hope!
> >>
> >>73,
> >>
> >>bill K0ZL
> >>
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> >
> >THANKS FOR USING TS-850_450_690@...
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> >To visit your group on the web, go to:
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> >To unsubscribe from this group, send an email to:
> >TS-850_450_690-unsubscribe@yahoogroups.com
> >
> >Your use of Yahoo! Groups is subject to the Yahoo!
> Terms of Service.
> >
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>

When in doubt, MODIFY...

# 3085. Re: [TS-850_450_690] CAT Interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-29 13:34:35 UTC
From: ve3wej
Topic: 3082  Message: 3085

Did you try the drivers they have on their website, for usb to cat. There may be something special, maybe the baud rates.

----- Original Message -----
From: "Gutierrez, Antonio" <antonio.gutierrez@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, March 29, 2005 5:41 AM
Subject: [TS-850_450_690] CAT Interface

Hello ALL,

I recently bought a CAT interface for my TS850SAT. It looks quite OK (http://www.reimesch.de/amateurfunk_en.html). It has an USB connection to the PC and goes to the ACC1 interface in the rig. I am using XP and the driver maps the USB into COM3 in my laptop. I have used N1MM, Winlog and KMIJ in order to take control of the transceiver. No way!! The winkey gets some garbled characters when trying to send with Winlog. The program also hangs when starting.....

Do any of you have experience with this interface?
Do you know of any Software that I can try to get the interface working?

Thanks for your help
73?s
Antonio
EA4KT

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3086. Re: [TS-850_450_690] Re: TS-850 & transverters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-29 13:36:27 UTC
From: Zack Widup
Topic: 3074  Message: 3086

On Tue, 29 Mar 2005, max_ve3tmt wrote:

> 
> 
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> > All transverters for the 850 are going to be
> > HOMEBREWED om... Kenwood does not make them.
> 
> I have successfully used a Yaesu FTV-700 with my 850. Worked very
> well. Blew the receive out of it by accidentally TX about 50W into it
> but it was easily fixed. Used the 850 to work the local 2m repeaters.
> Very cool with the actual 2m frequency showing on the rig.
> 
> Max

The 850 can be a difficult rig to connect to a transverter. Steve at Down East Microwave sells a kit, the TIB-850, that works well.

I've used mine with transverters for 50, 144, 222 and 432 MHz, which all have a 28 MHz IF. My transverters for the higher bands (903, 1296, 2304, 3456, 5760 and 10368 MHz) use a 144 MHz IF. The one I'm working on now, 24 GHz, will use a 1296 MHz IF. That's a little more complicated, as it will go 24192 > 1296 > 144 MHz.

All these transverters I'm using are homebrew. Hopefully I can keep building this stuff. I've become addicted to using surface-mount devices, but my eyesight ain't what it was when I was 25. One of those $18 magnifying headsets with the multiple lenses was one of the best investments I've ever made. :-)

73, Zack W9SZ

# 3087. Re: [TS-850_450_690] real cost TS-850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-29 15:09:57 UTC
From: KD5SFA
Topic: 3081  Message: 3087

I can't give a real cost as I traded for mine with the AT.
I know it was offered for $700 or trade for a IC706mkIIG which I had an extra one
that I had bought for $500 with a bunch of accessories. I still have the accessories
(heil traveler headset, carrying case with 18ah gel cell, external speaker, etc.) for use
with my newer mkIIG.
It will also depend alot on your local market as to the demand and supply.

Check on ebay to get an approximate going rate as well as check you local swapmeets.

Hope this helps some...

73,
Jon
KD5SFA

-----Original Message-----
From: Valentin Kon <ur72003@...>
Sent: Mar 28, 2005 11:29 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] real cost TS-850S

Hello group,

I want to ask: what is real cost TS-850S (no ant tuner)?

Thanks.

73!

Valentin de UR7HBU

---------------------------------
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[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3088. Re: [TS-850_450_690] TS-850 & TS-480

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-29 21:54:14 UTC
From: Ron Meiring
Topic: 3074  Message: 3088

Hi Bill,

I am stuck at the moment my antenna tuner does not operate.
Also the power meter does not operate.

I have done the software upgrade, same problem.

This happend when I changed some settings for the ALC etc.
Processor memory corrupted.
Kenwood does not give me the software.

Apart form that you need to take the boards out in a lot of cases.

Compared with the 850, I have every thing I need to fix the radio.
Did repaired here a couple of radios at component level.

The TS850 is a better rig for service.

Cheers
Ron.

On Tue, 29 Mar 2005 05:20:24 -0800 (PST), Bill K0ZL wrote:
>
>Having done filters installs and 60M tx mod on the
>480, I didn't see any greater challenges for repair
>than the 850 series. What did you see of it? Just
>curious...
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>bill
>
>
>--- Ron Meiring <rmeiring@...> wrote:
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>>The 480 is a nice toy. The 850 is the better rig.
>>Sounds better, in RX and TX.
>>Reception wise, almost no differences.
>>
>>Repair.
>>480 big problem if it needs repair.
>>850 DIY is still possible.
>>
>>Cheers
>>Ron VK6KDD
>>
>>
>>On Sun, 27 Mar 2005 23:50:23 +0200, Leon wrote:

>>>Hi Bill
>>>tnx for your answer, I would like your opinion
>>which one do you
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>>>Do you know where I can find a transverter for
>>magic band to
>>>complete my
>>>ts850sat line?
>>>
>>>73
>>>IZ?EHO Andrea
>>>www.iz0eho.com
>>>
>>>
>>>Subject: Re: [TS-850_450_690] TS-850 & TS-480
>>>
>>>
>>>>
>>>>No transverters by Kenwood for the 850; this is
>>>>strictly "roll your own" territory.
>>>>
>>>>The 480 is a fine radio; I set one up for a guy
>>>>overseas, with the narrow CW and fone filters; it
>>>>played very nicely and he likes it very much.
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>>>>It will be the rig that I get for my mobile,
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>>>>soon I hope!
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>>>>73,
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>>>>bill K0ZL
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>>>THANKS FOR USING TS-850_450_690@...
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# 3089. RE: [TS-850_450_690] CAT Interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-30 07:18:56 UTC
From: Gutierrez, Antonio
Topic: 3082  Message: 3089

Hi,

Thanks for the email. Yes, I tried the driver at the web site. It is installed properly and make the USB to bridge into COM3. I cheked the baud rate as well, and looks 4800 bps. I have contacted the vendor and they said that I may try Ham radio deluxe HRD. I am on my way......

Thanks anyway for your help.
Antonio
Best 73's
EA4KT

---

From: ve3wej [mailto:ve3wej@...]
Sent: Tuesday, March 29, 2005 15:35
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] CAT Interface

Did you try the drivers they have on their website, for usb to cat. There may be something special, maybe the baud rates.

----- Original Message -----
From: "Gutierrez, Antonio" <antonio.gutierrez@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, March 29, 2005 5:41 AM
Subject: [TS-850_450_690] CAT Interface

Hello ALL,

I recently bought a CAT interface for my TS850SAT. It looks quite OK (http://www.reimesch.de/amateurfunk_en.html). It has an USB connection to the PC and goes to the ACC1 interface in the rig. I am using XP and the driver maps the USB into COM3 in my laptop. I have used N1MM, Winlog and KMIJ in order to take control of the transceiver. No way!! The winkey gets some garbled characters when trying to send with Winlog. The program also hangs when starting.....

Do any of you have experience with this interface?
Do you know of any Software that I can try to get the interface working?

Thanks for your help
73´s
Antonio
EA4KT

[Non-text portions of this message have been removed]

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<http://us.adserver.yahoo.com/l?M=298184.6018725.7038619.3001176/D=groups/S=:HM/A=2593423/rand=654360733>

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http://groups.yahoo.com/group/TS-850_450_690/

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TS-850_450_690-unsubscribe@yahoogroups.com
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
<http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

# 3090. RE: [TS-850_450_690] CAT Interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-30 08:17:48 UTC
From: Ron Meiring
Topic: 3082  Message: 3090

Hi

There is an odd thing about the Kenwood interfaces.
You have to loopback some RS232 connections to make it work.
Study this site and you might come up with an answer your selves.
http://tk5ep.free.fr/index_g.htm
look at the remote interface for the 850.

Cheers
Ron VK6KDD

# 3091. ts-850: distortion on receive

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-30 10:27:51 UTC
From: dg7lan
Topic: 3091  Message: 3091

hi ppl!

when i open the filter on receive, i got distortion on the af.
it sounds like turning the af-gain to the right.. not that extreme but
the received signal is not clean. same on the line out at the
backside, so it is probably not a problem of the af-amp, is it? it
seems to me, that the input level simply is too high, when the filters
are opened. pressing the att, aip etc. doesn´t help.

is there a way to fix that? i want to have that clean audio on
receive! i know the 850 does that usually and i want to have it too.
maybe there is something wrong with the agc?

apropos agc, i have seen a fix for the nb-problem (you got that
distortion with the nb on with strong signals) but i can not find it
anylonger. where is it? does anybody know?

have a nice day.. regards,

Andy
www.ssbaudio.net

# 3092. Re: [TS-850_450_690] TS-850 & TS-480

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-30 13:11:22 UTC
From: Bill K0ZL
Topic: 3074  Message: 3092

Usually if power meter and tuner are not working,
there will be found to be a problem with the FWD
(vsf?) power voltage sensing circuit, usually a blown
detector diode.

b

--- Ron Meiring <rmeiring@...> wrote:
>
> Hi Bill,
>
> I am stuck at the moment my antenna tuner does not
> operate.
> Also the power meter does not operate.
>
> I have done the software upgrade, same problem.
>
> This happend when I changed some settings for the
> ALC etc.
> Processor memory corrupted.
> Kenwood does not give me the software.
>
> Apart form that you need to take the boards out in a
> lot of cases.
>
> Compared with the 850, I have every thing I need to
> fix the radio.
> Did repaired here a couple of radios at component
> level.
>
> The TS850 is a better rig for service.
>
> Cheers
> Ron.
>
> On Tue, 29 Mar 2005 05:20:24 -0800 (PST), Bill K0ZL
> wrote:
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> >Having done filters installs and 60M tx mod on the
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> >--- Ron Meiring <rmeiring@...> wrote:
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> >>Sounds better, in RX and TX.
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> >>480 big problem if it needs repair.
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> >>On Sun, 27 Mar 2005 23:50:23 +0200, Leon wrote:
> >>>Hi Bill
> >>>tnx for your answer, I would like your opinion
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> >>>
> >>>
> >>>Subject: Re: [TS-850_450_690] TS-850 & TS-480
> >>>
> >>>
> >>>>
> >>>>No transverters by Kenwood for the 850; this is
> >>>>strictly "roll your own" territory.
> >>>>
> >>>>The 480 is a fine radio; I set one up for a guy
> >>>>overseas, with the narrow CW and fone filters;
> >>it
> >>>>played very nicely and he likes it very much.
> >>>>
> >>>>It will be the rig that I get for my mobile,
> >>someday
> >>>>soon I hope!
> >>>>
> >>>>73,
> >>>>

> >>>>bill K0ZL
> >>>>
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> >>>
> >>>THANKS FOR USING TS-850_450_690@...
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> >>>
> >>>
> >>>Yahoo! Groups Sponsor
> >>>
> >>>ADVERTISEMENT
> >>>
> >>>
> >>>Yahoo! Groups Links
> >>>
> >>>To visit your group on the web, go to:
> >>>http://groups.yahoo.com/group/TS-850_450_690/
> >>>
> >>>To unsubscribe from this group, send an email to:
> >>>TS-850_450_690-unsubscribe@yahoogroups.com
> >>>
> >>>Your use of Yahoo! Groups is subject to the
> Yahoo!
> >>Terms of Service.
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> >When in doubt, MODIFY...
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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> TS-850_450_690-unsubscribe@yahoogroups.com
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When in doubt, MODIFY...

# 3093. Re: [TS-850_450_690] ts-850: distortion on receive

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-30 13:16:44 UTC
From: Bill K0ZL
Topic: 3091  Message: 3093

What is the S meter doing, when this happens? The S
meter is basically an AGC loop voltmeter and is basic
in troubleshooting AGC issues.

bill

--- dg7lan <dg7lan@...> wrote:
>
> hi ppl!
>
> when i open the filter on receive, i got distortion
> on the af.
> it sounds like turning the af-gain to the right..
> not that extreme but
> the received signal is not clean. same on the line
> out at the
> backside, so it is probably not a problem of the
> af-amp, is it? it
> seems to me, that the input level simply is too
> high, when the filters
> are opened. pressing the att, aip etc. doesn?t help.
>
> is there a way to fix that? i want to have that
> clean audio on
> receive! i know the 850 does that usually and i want
> to have it too.
> maybe there is something wrong with the agc?
>
> apropos agc, i have seen a fix for the nb-problem
> (you got that
> distortion with the nb on with strong signals) but i
> can not find it
> anylonger. where is it? does anybody know?
>
> have a nice day.. regards,
>
> Andy
> www.ssbaudio.net
>
>
>
>

When in doubt, MODIFY...

# 3094. Re: [TS-850_450_690] TS-850 & TS-480

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-30 13:44:02 UTC
From: Ron Meiring
Topic: 3074  Message: 3094

Yes that was my first quess as well.
The voltage what appears there is ok.
So the digital side is where it went wrong.

This started to play up when I adjusted the settings trough the
hidden menu.
However none of these settings are for this.
Yep ... Shit happens.
No I don't like the fact that you can't service your rig, because the
manufacturer keeps software behind.
Gives you a tool to change settings for boosting the power in SSB.
And than this happens.
Not amused.

The 850 is a much more stable rig, which will survive these modern
rigs, because it runs cooler.
For every 10 degrees extra the life time of a rig halves.
That is the simple rule they use for computers.

73 Ron VK6KDD

On Wed, 30 Mar 2005 05:11:22 -0800 (PST), Bill K0ZL wrote:
>
>Usually if power meter and tuner are not working,
>there will be found to be a problem with the FWD
>(vsf?) power voltage sensing circuit, usually a blown
>detector diode.
>
>b
>
>--- Ron Meiring <rmeiring@...> wrote:
>>
>>Hi Bill,
>>
>>I am stuck at the moment my antenna tuner does not
>>operate.
>>Also the power meter does not operate.
>>
>>I have done the software upgrade, same problem.
>>
>>This happend when I changed some settings for the
>>ALC etc.
>>Processor memory corrupted.
>>Kenwood does not give me the software.
>>
>>Apart form that you need to take the boards out in a

>>lot of cases.
>>
>>Compared with the 850, I have every thing I need to
>>fix the radio.
>>Did repaired here a couple of radios at component
>>level.
>>
>>The TS850 is a better rig for service.
>>
>>Cheers
>>Ron.
>>
>>On Tue, 29 Mar 2005 05:20:24 -0800 (PST), Bill K0ZL
>>wrote:
>>>
>>>Having done filters installs and 60M tx mod on the
>>>480, I didn't see any greater challenges for repair
>>>than the 850 series. What did you see of it? Just
>>>curious...
>>>
>>>bill
>>>
>>>
>>>--- Ron Meiring <rmeiring@...> wrote:
>>>>Have both.
>>>>
>>>>The 480 is a nice toy. The 850 is the better rig.
>>>>Sounds better, in RX and TX.
>>>>Reception wise, almost no differences.
>>>>
>>>>Repair.
>>>>480 big problem if it needs repair.
>>>>850 DIY is still possible.
>>>>
>>>>Cheers
>>>>Ron VK6KDD
>>>>
>>>>
>>>>On Sun, 27 Mar 2005 23:50:23 +0200, Leon wrote:
>>>>>Hi Bill
>>>>>tnx for your answer, I would like your opinion
>>>>which one do you
>>>>>prefere?
>>>>>
>>>>>Do you know where I can find a transverter for
>>>>magic band to
>>>>>complete my
>>>>>ts850sat line?
>>>>>
>>>>>73

>>>>>IZ?EHO Andrea
>>>>>www.iz0eho.com
>>>>>
>>>>>
>>>>>Subject: Re: [TS-850_450_690] TS-850 & TS-480
>>>>>
>>>>>
>>>>>>
>>>>>>No transverters by Kenwood for the 850; this is
>>>>>>strictly "roll your own" territory.
>>>>>>
>>>>>>The 480 is a fine radio; I set one up for a guy
>>>>>>overseas, with the narrow CW and fone filters;
>>it
>>>>>>played very nicely and he likes it very much.
>>>>>>
>>>>>>It will be the rig that I get for my mobile,
>>>>someday
>>>>>>soon I hope!
>>>>>>
>>>>>>73,
>>>>>>
>>>>>>bill K0ZL
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>>>>>THANKS FOR USING TS-850_450_690@...
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>>>>>
>>>>>Yahoo! Groups Sponsor
>>>>>
>>>>>ADVERTISEMENT
>>>>>
>>>>>
>>>>>Yahoo! Groups Links
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>>>>>To visit your group on the web, go to:
>>>>>http://groups.yahoo.com/group/TS-850_450_690/
>>>>>
>>>>>To unsubscribe from this group, send an email to:
>>>>>TS-850_450_690-unsubscribe@yahoogroups.com
>>>>>
>>>>>Your use of Yahoo! Groups is subject to the
>>Yahoo!
>>>>Terms of Service.
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>>>When in doubt, MODIFY...
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>>THANKS FOR USING TS-850_450_690@...
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>When in doubt, MODIFY...
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>THANKS FOR USING TS-850_450_690@...

>Yahoo! Groups Links
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# 3095. TS-690 TX to RX problem...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-30 15:04:57 UTC
From: Boris Knezovic T93Y
Topic: 3095  Message: 3095

Hi all!

During CQ WW SSB in October I experienced problem with my TS-690 which suddenly started having problems switching from TX to RX. It manifested the way that radio would stay somewhere in between TX and RX for 5-6 seconds and than I would get back normal receive signals.

Right after the contest I took radio to our local radio repair shop where people were not able to replicate the above problem. They told me that radio is working fine and it was that way until this morning when I again experienced the same problem.

Did anybody of the group had a similar problem with her/his TS-690/TS-450? What you think problem is or do you have any idea where guys at the repair shop might look for it?

Thanks in advance for your answers.

73's Boris T93Y
http://www.t93y.com

# 3096. Re: [TS-850_450_690] TS-690 TX to RX problem...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-30 15:35:01 UTC
From: ve3wej
Topic: 3095  Message: 3096

almost sounds like the vox is on, and vox delay may be set a little too
high.

Dave
----- Original Message -----
From: "Boris Knezovic T93Y" <t93y@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, March 30, 2005 10:04 AM
Subject: [TS-850_450_690] TS-690 TX to RX problem...

> 
> 
> Hi all!
> 
> During CQ WW SSB in October I experienced problem with my TS-690 which
> suddenly started having problems switching from TX to RX. It
> manifested the way that radio would stay somewhere in between TX and
> RX for 5-6 seconds and than I would get back normal receive signals.
> 
> Right after the contest I took radio to our local radio repair shop
> where people were not able to replicate the above problem. They told
> me that radio is working fine and it was that way until this morning
> when I again experienced the same problem.
> 
> Did anybody of the group had a similar problem with her/his
> TS-690/TS-450? What you think problem is or do you have any idea where
> guys at the repair shop might look for it?
> 
> Thanks in advance for your answers.
> 
> 73's Boris T93Y
> http://www.t93y.com
> 
> 
> 
> 
> 
> 
> 
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>

# 3097. Re: [TS-850_450_690] TS-690 TX to RX problem...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-30 20:21:03 UTC
From: Bill K0ZL
Topic: 3095  Message: 3097

Boris, have them monitor the TX8 and RX8 voltages. I
think they are labeled that way. Anyway they should
switch cleanly between TX and RX modes.

Usual cause of switching problems here is one of the
receive antenna switching diodes going leaky, which is
common with static electricity damage.

Also monitor the AGC line, could be something wrong
there.

Good luck.

b

--- Boris Knezovic T93Y <t93y@...> wrote:
>
> Hi all!
>
> During CQ WW SSB in October I experienced problem
> with my TS-690 which
> suddenly started having problems switching from TX
> to RX. It
> manifested the way that radio would stay somewhere
> in between TX and
> RX for 5-6 seconds and than I would get back normal
> receive signals.
>
> Right after the contest I took radio to our local
> radio repair shop
> where people were not able to replicate the above
> problem. They told
> me that radio is working fine and it was that way
> until this morning
> when I again experienced the same problem.
>
> Did anybody of the group had a similar problem with
> her/his
> TS-690/TS-450? What you think problem is or do you
> have any idea where
> guys at the repair shop might look for it?
>
> Thanks in advance for your answers.
>
> 73's Boris T93Y
> http://www.t93y.com

>
>
>
>
>

When in doubt, MODIFY...

# 3098. Re: [TS-850_450_690] TS-690 TX to RX problem...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-30 12:10:36 UTC
From: KD5NWA
Topic: 3095  Message: 3098

I have a TS-450 that on last years Field day had an incident. Another ham transmitted on the same band that I was at with 200 Watts and out antennas were 10 feet apart.

Since then, when you transmit, and then stop the S meter is pegged and it takes it about 10 to 15 seconds before it goes down enough to hear anything.

I think one of the diodes in the front end that isolates the receiver from the antenna when transmitting is blown. I don't know because I have not attempted to fix it yet.

Boris Knezovic T93Y wrote:

>Hi all!
>
>During CQ WW SSB in October I experienced problem with my TS-690 which
>suddenly started having problems switching from TX to RX. It
>manifested the way that radio would stay somewhere in between TX and
>RX for 5-6 seconds and than I would get back normal receive signals.
>
>Right after the contest I took radio to our local radio repair shop
>where people were not able to replicate the above problem. They told
>me that radio is working fine and it was that way until this morning
>when I again experienced the same problem.
>
>Did anybody of the group had a similar problem with her/his
>TS-690/TS-450? What you think problem is or do you have any idea where
>guys at the repair shop might look for it?
>
>Thanks in advance for your answers.
>
>73's Boris T93Y
>http://www.t93y.com
>
>
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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>
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>
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>
>

--
Cecil
KD5NWA
<www.qrpradio.com>

'Never argue with an idiot. They drag you down to their level then beat you with experience.' -anon

# 3099. Re: ts-850: distortion on receive

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-31 08:06:28 UTC
From: dg7lan
Topic: 3091  Message: 3099

hi bill!

the meter acts like usual.. looks the same with narrow or wide
filters.. it sounds like overloading an internal amp somewhere :(

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> What is the S meter doing, when this happens? The S
> meter is basically an AGC loop voltmeter and is basic
> in troubleshooting AGC issues.
>
> bill

# 3100. Re: [TS-850_450_690] Re: ts-850: distortion on receive

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-03-31 17:50:31 UTC
From: Bill K0ZL
Topic: 3091  Message: 3100

That's a strange one for sure.

Perhaps a scope trace all the way back to the detector
(a bal de-modulator) might help?

b

--- dg7lan <dg7lan@...> wrote:
>
> hi bill!
>
> the meter acts like usual.. looks the same with
> narrow or wide
> filters.. it sounds like overloading an internal amp
> somewhere :(
>
>
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...> wrote:
> > What is the S meter doing, when this happens? The
> S
> > meter is basically an AGC loop voltmeter and is
> basic
> > in troubleshooting AGC issues.
> >
> > bill
>
>
>
>
>

When in doubt, MODIFY...

# 3101. Keying a TS-850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-01 20:18:45 UTC
From: w7tea
Topic: 3101  Message: 3101

Thanks to Bill, K0ZL, my 850 is running in top notch form with an improved NB and adjustable sidetone. He also changed out the battery before the leakage began.

Now it's been quite a few years since I've used it to any extent and am getting reacquainted. I have to use an external tuner on a couple of bands and was fumbling around this morning trying to transmit a carrier to adjust the tuner. I'm using the internal keyer. Can someone give an older fellow a clue? I'm sure it's obvious and I'll be embarrassed for asking but taking that risk....

tnx, Gary W7TEA

# 3102. Re: Keying a TS-850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-02 00:42:05 UTC
From: w7tea
Topic: 3101  Message: 3102

Figured it out. Thanks.

Gary

--- In TS-850_450_690@yahoogroups.com, "w7tea" <gtuck@m...> wrote:
>
> Thanks to Bill, K0ZL, my 850 is running in top notch form with an

# 3103. Re: [TS-850_450_690] Keying a TS-850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-02 13:40:29 UTC
From: Bill K0ZL
Topic: 3101  Message: 3103

You need at least 5 watts to make the tuner "happen",
Gary.

Simply crank the CAR control up about halfway.

You may also have to set the RF Power up a bit; I
adjust the MIN power out down from ten watts to 4.5
watts to make you "legal" for QRP contests. This may
be too low to run the AT unit.

On mine, it's fine, but your results may vary.
b

--- w7tea <gtuck@...> wrote:
>
> Thanks to Bill, K0ZL, my 850 is running in top notch
> form with an
> improved NB and adjustable sidetone. He also
> changed out the battery
> before the leakage began.
>
> Now it's been quite a few years since I've used it
> to any extent and
> am getting reacquainted. I have to use an external
> tuner on a couple
> of bands and was fumbling around this morning trying
> to transmit a
> carrier to adjust the tuner. I'm using the internal
> keyer. Can
> someone give an older fellow a clue? I'm sure it's
> obvious and I'll be
> embarrassed for asking but taking that risk....
>
> tnx, Gary W7TEA
>
>
>
>

When in doubt, MODIFY...

# 3104. Re: Keying a TS-850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-02 15:32:03 UTC
From: w7tea
Topic: 3101  Message: 3104

Tnx Bill. The internal tuner works FB. I was trying to get a carrier to adjust an external tuner. Finally figured out I had to set rig to Send using the Rec/Send button and then hitting the Tune button. On my other rigs I would use an external keyer with a straight key also connected or turn off the keyer and hit the dit paddle.

tnx, Gary

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> You need at least 5 watts to make the tuner "happen",
> Gary.
>
> Simply crank the CAR control up about halfway.
>
> You may also have to set the RF Power up a bit; I
> adjust the MIN power out down from ten watts to 4.5
> watts to make you "legal" for QRP contests. This may
> be too low to run the AT unit.
>
> On mine, it's fine, but your results may vary.

# 3105. SP23 price

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-04 07:02:33 UTC
From: sardjana -
Topic: 3105  Message: 3105

Hi All,
I would like line up my TS450SAT with SP-23 (extra speaker).
Does anybody know what the reliable price for SP-23 in new condition?
Thanks for replying this mail.

JON, YC2ECG.

Yahoo! Mobile
- Download the latest ringtones, games, and more!

[Non-text portions of this message have been removed]

# 3106. Re: SP23 price

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-04 10:26:54 UTC
From: max_ve3tmt
Topic: 3105  Message: 3106

--- In TS-850_450_690@yahoogroups.com, sardjana - <yb2ecg@y...> wrote:
> Hi All,
> I would like line up my TS450SAT with SP-23 (extra speaker).
> Does anybody know what the reliable price for SP-23 in new condition?
> Thanks for replying this mail.
>
> JON, YC2ECG.

Jon,

You can expect to pay anywhere from $75-100 depending on condition.
Are you trying to find a matching speaker for your 450? You will get
a lot better sound from many other speakers on the market. I tend to
avoid the "matching" speakers made by the radio manufacturers. If you
take them apart you will see all they have done is stuffed a cheap
speaker into a matching case.

73,

Max

# 3107. SM-220 with BS-8 price ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-03 08:22:31 UTC
From: DxRadioHam
Topic: 3107  Message: 3107

Hello !

I want to sell my Kenwood SM-220 Station monitor with bandscope BS-8.
Rig is in good condition, (optical and electrical).
Because i have not find a similar rig on Ebay or ham magazine,
what would be a reasonable price for it ?
I thought abt 270 Euro. Am i wrong ?

vy73
Edgar
DF5EY

# 3108. Hello All

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-02 17:51:33 UTC
From: Herbert Catania
Topic: 3108  Message: 3108

Hello all,

Finnished my 1st ever web page at: http://herbertcatania.net

go hv a look, comments/callsign welcome in the gest book.

Herbert
9H1BD

[Non-text portions of this message have been removed]

# 3109. 12v for accessories

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-04 16:23:43 UTC
From: w7tea
Topic: 3109  Message: 3109

A number of radios I've owned had 12v available on the back panel to power accessories. I'm looking to add an external keyer and was surprised that I couldn't find a dedicated outlet or a source in one of the accessory plugs. Did I miss it or can anyone point me to a simple mod to make 12v available on the rear panel?

tnx, Gary W7TEA

# 3110. Re: [TS-850_450_690] 12v for accessories

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-04 17:51:43 UTC
From: Bill Maddock
Topic: 3109  Message: 3110

Why not come off the battery or power supply with another conductor that is fused? The wires feeding the radio have enough load on them during transmit cycle!

73,

Bill N4ZI

w7tea <gtuck@...> wrote:

A number of radios I've owned had 12v available on the back panel to power accessories. I'm looking to add an external keyer and was surprised that I couldn't find a dedicated outlet or a source in one of the accessory plugs. Did I miss it or can anyone point me to a simple mod to make 12v available on the rear panel?

tnx, Gary W7TEA

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---
Do you Yahoo!?
Yahoo! Mail - Helps protect you from nasty viruses.

[Non-text portions of this message have been removed]

# 3111. Re: [TS-850_450_690] SP23 price

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-04 17:57:40 UTC
From: Bill K0ZL
Topic: 3105  Message: 3111

When you say, "line up", what do you mean?

Rephrase please.

73,

Bill K0ZL

--- sardjana - <yb2ecg@...> wrote:
> Hi All,
> I would like line up my TS450SAT with SP-23 (extra
> speaker).
> Does anybody know what the reliable price for SP-23
> in new condition?
> Thanks for replying this mail.
>
> JON, YC2ECG.
>
>
> Yahoo! Mobile
> - Download the latest ringtones, games, and more!
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3112. Re: [TS-850_450_690] Hello All

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-04 18:04:46 UTC
From: Bill K0ZL
Topic: 3108  Message: 3112

Nice job!

I hope you are finding a profit, doing commercial web
pages; it's that good. Better than most and 100 times
better than Yahoo's own "groups" makeover! hi...

bill

--- Herbert Catania <herbert@...> wrote:
>
> Hello all,
>
> Finnished my 1st ever web page at:
> http://herbertcatania.net
>
> go hv a look, comments/callsign welcome in the gest
> book.
>
>
> Herbert
> 9H1BD
>
> [Non-text portions of this message have been
> removed]
>
>
>
>
>

When in doubt, MODIFY...

# 3113. Re: [TS-850_450_690] SP23 price

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-04 18:25:55 UTC
From: KD5SFA
Topic: 3105  Message: 3113

I think what he is meaning is augment, amend, add-on a sp-23 to his current setup and was looking for a prise on the sp-23.

At least that was my take on it.

73,
Jon
KD5SFA

-----Original Message-----
From: Bill K0ZL <coorsbill@...>
Sent: Apr 4, 2005 1:57 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] SP23 price

When you say, "line up", what do you mean?

Rephrase please.

73,

Bill K0ZL

--- sardjana - <yb2ecg@...> wrote:
> Hi All,
> I would like line up my TS450SAT with SP-23 (extra
> speaker).
> Does anybody know what the reliable price for SP-23
> in new condition?
> Thanks for replying this mail.
>
> JON, YC2ECG.
>
>
> Yahoo! Mobile
> - Download the latest ringtones, games, and more!
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3114. Re: [TS-850_450_690] SP23 price

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-04 19:28:42 UTC
From: N7ZXP
Topic: 3105  Message: 3114

I agree. I don't see how anyone could not understand the question or phrase.
----- Original Message -----
From: KD5SFA
To: TS-850_450_690@yahoogroups.com
Sent: Monday, April 04, 2005 11:25 AM
Subject: Re: [TS-850_450_690] SP23 price

I think what he is meaning is augment, amend, add-on a sp-23 to his current
setup and was looking for a prise on the sp-23.

At least that was my take on it.

73,
Jon
KD5SFA

-----Original Message-----
From: Bill K0ZL <coorsbill@...>
Sent: Apr 4, 2005 1:57 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] SP23 price

When you say, "line up", what do you mean?

Rephrase please.

73,

Bill K0ZL

--- sardjana - <yb2ecg@...> wrote:
> Hi All,
> I would like line up my TS450SAT with SP-23 (extra
> speaker).
> Does anybody know what the reliable price for SP-23
> in new condition?
> Thanks for replying this mail.
>
> JON, YC2ECG.
>
>
> Yahoo! Mobile
> - Download the latest ringtones, games, and more!
>
> [Non-text portions of this message have been
> removed]
>

>

When in doubt, MODIFY...

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

THANKS FOR USING TS-850_450_690@...

---

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 3115. Re: SP23 price

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-04 20:40:16 UTC
From: max_ve3tmt
Topic: 3105  Message: 3115

--- In TS-850_450_690@yahoogroups.com, "N7ZXP" <n7zxp@c...> wrote:
> I agree. I don't see how anyone could not understand the question or phrase.

Sounds you are being ganged up on Bill. As moderators we have super powers, no?

Max

# 3116. Re: [TS-850_450_690] Re: SP23 price

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-04 23:11:22 UTC
From: Bill K0ZL
Topic: 3105  Message: 3116

Someone doesn't understand why I don't understand
why...

oh never mind.

b

--- max_ve3tmt <max_ve3tmt@...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "N7ZXP"
> <n7zxp@c...> wrote:
> > I agree. I don't see how anyone could not
> understand the question or
> phrase.
>
> Sounds you are being ganged up on Bill. As
> moderators we have super
> powers, no?
>
> Max
>
>
>
>

When in doubt, MODIFY...

# 3117. Re: SP23 price

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-04 23:51:08 UTC
From: yb2ecg
Topic: 3105  Message: 3117

Nice reply Max,
Thanks for your information.
What I mean 'line up' is completely install my current setup with
SP23
(extra speaker).
I still use my TS450 with internal speaker, and I would like adding
with SP23. Next I would like add with desk mic MC-60A and DSP-100.
Sorry for my English. I would somebody will understand with my
phrase :)

73,
JON, YC2ECG.

> Jon,
>
> You can expect to pay anywhere from $75-100 depending on condition.
> Are you trying to find a matching speaker for your 450? You will
get
> a lot better sound from many other speakers on the market. I tend to
> avoid the "matching" speakers made by the radio manufacturers. If
you
> take them apart you will see all they have done is stuffed a cheap
> speaker into a matching case.
>
> 73,
>
> Max

# 3118. Re: 12v for accessories

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-05 00:36:25 UTC
From: w7tea
Topic: 3109  Message: 3118

Yup, Bill and I can certainly do that. I thought I might be missing something since my other rigs have had that feature.

Thanks, Gary W7TEA

> Why not come off the battery or power supply with another conductor that is fused? The
> wires feeding the radio have enough load on them during transmit cycle!
>
> 73,
>
> Bill N4ZI
>

# 3119. Re: ts-850: distortion on receive

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-05 07:17:29 UTC
From: dg7lan
Topic: 3091  Message: 3119

i will check that out and come back to this when i have a solution!

thanks! andy

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> That's a strange one for sure.
>
> Perhaps a scope trace all the way back to the detector
> (a bal de-modulator) might help?
>
> b

# 3120. Re: [TS-850_450_690] Re: TURN UP THE POWER

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-10 02:12:13 UTC
From: Ronnie Bass
Topic: 2970  Message: 3120

WHAT VR TO TURN UP THE POWER ON THE KENWOOD TS 450S LET ME KNOW I NEED TO TURN IT UP THANK YOU

ERNEST T BASS

[Non-text portions of this message have been removed]

# 3121. RE:POWER ON THE KENWOOD TS 450S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-10 02:48:25 UTC
From: Berry Griffin
Topic: 3121  Message: 3121

Hi Ernest,

Good to see a new person. What's your call sign?

Berry W6EZ

# 3122. Re: TURN UP THE POWER

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-10 03:57:51 UTC
From: max_ve3tmt
Topic: 2970  Message: 3122

--- In TS-850_450_690@yahoogroups.com, Ronnie Bass <bass_ronnie@y...>
wrote:
>
> WHAT VR TO TURN UP THE POWER ON THE KENWOOD TS 450S LET ME KNOW I
NEED TO TURN IT UP THANK YOU

Why do you need to turn it up? Unless you double the current output
the station on the other end won't notice any difference anyway. You
will also be putting useless stress on the PA.

# 3123. Re: TURN UP THE POWER

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-10 05:28:12 UTC
From: Steve Matda
Topic: 2970  Message: 3123

I thought this rang a bell.

He asked the same question last month. His 450 is only putting out 85 watts on 20 meters into a 1:1 SWR.

Just wondering Ronnie what kind of power supply you using and what's the ALC meter look like when you are running 85 watts? It might not be the PA at all. What kind of meter are you using to check the power and SWR...the built in metering or an external one? Is this AM, FM, CW, or SSB?

Give us a rundown of what you have, and what you're seeing, and maybe we can help you.

No use blindly "turning up the power" on the PA when it's probably another problem, and low power is the symptom...if you do even have low power. It might just be the metering is lying to you...

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, Ronnie Bass <bass_ronnie@y...> wrote:
>
> WHAT VR TO TURN UP THE POWER ON THE KENWOOD TS 450S LET ME KNOW I NEED TO TURN IT UP THANK YOU
>
>
>
> ERNEST T BASS
>
>
> [Non-text portions of this message have been removed]

# 3124. Re: [TS-850_450_690] Re: TURN UP THE POWER

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-10 09:21:58 UTC
From: Arne
Topic: 2970  Message: 3124

Hi There,
its VR15 on the IF-Unit. Please be carefull regarding ALC.....

73s
Arne
DK1AT

Ronnie Bass wrote:

> 
> WHAT VR TO TURN UP THE POWER ON THE KENWOOD TS 450S LET ME KNOW I NEED
> TO TURN IT UP THANK YOU
> 
> 
> 
> ERNEST T BASS
> 
> 
> [Non-text portions of this message have been removed]
> 
> 
> 
> THANKS FOR USING TS-850_450_690@...
> 
> 
> ---------------------------------------------------------------------
> Yahoo! Groups Links
> 
> * To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
> 
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> 
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
> 
> ---------------------------------------------------------------------
> No virus found in this incoming message.
> Checked by AVG Anti-Virus.
> Version: 7.0.308 / Virus Database: 266.9.3 - Release Date: 05.04.2005
> 

[Non-text portions of this message have been removed]

# 3125. TS-850 Drift

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-11 15:34:13 UTC
From: Nik Read
Topic: 3125  Message: 3125

Please could anyone advise Me what could be the problem with my beloved TS-850Sat..

About 10 minutes after switch on it slowly drifts down about 10hz , not much I know !!, after that it is stable on Rx..
As I use data modes a fair bit, mostly 25w or less, this drift is noticeable when I am looking at a data signal. When I TX the radio is stable for a while but then drifts slowly down about 40 -50Hz then when I switch back to RX it drifts back up again quicker!!.
On RTTY today after 3 short overs at 20w it happened again!. The audio is still clean on TX and RX and I have NO extra filters fitted.

I installed a new CAR board 2 years ago and the radio worked fine after that.

Any advice would be greatly appreciated as My 850 is My favourite piece of equipment...

Thanks in advance..

Nik Read M5DND

e-mail g7dnd.nread@...

--
Internal Virus Database is out-of-date.
Checked by AVG Anti-Virus.
Version: 7.0.300 / Virus Database: 266.9.1 - Release Date: 01/04/05

# 3126. Re: [TS-850_450_690] TS-850 Drift

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-11 22:52:36 UTC
From: Bill K0ZL
Topic: 3125  Message: 3126

Nick you need to check your 20mhz reference
oscillator. If the supply voltage is stable, replace
the crystal.

You can also get that temp compensated option SO-2 if
you can find one; I have never needed that. Mine is
very stable with just the crystal.

b

--- Nik Read <g7dnd.nread@...> wrote:
> Please could anyone advise Me what could be the
> problem with my beloved
> TS-850Sat..
>
> About 10 minutes after switch on it slowly drifts
> down about 10hz , not
> much I know !!, after that it is stable on Rx..
> As I use data modes a fair bit, mostly 25w or less,
> this drift is
> noticeable when I am looking at a data signal. When
> I TX
> the radio is stable for a while but then drifts
> slowly down about 40 -50Hz
> then when I switch back to RX it drifts back up
> again quicker!!.
> On RTTY today after 3 short overs at 20w it happened
> again!. The audio is
> still clean on TX and RX and I have NO extra filters
> fitted.
>
> I installed a new CAR board 2 years ago and the
> radio worked fine after
> that.
>
> Any advice would be greatly appreciated as My 850
> is My favourite piece of
> equipment...
>
> Thanks in advance..
>
> Nik Read M5DND
>
> e-mail g7dnd.nread@...
>
>

>
>
>
>
> --
> Internal Virus Database is out-of-date.
> Checked by AVG Anti-Virus.
> Version: 7.0.300 / Virus Database: 266.9.1 - Release
> Date: 01/04/05
>
>

When in doubt, MODIFY...

# 3127. re: TS-850 drift

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-12 20:57:26 UTC
From: w5lx
Topic: 3127  Message: 3127

"Please could anyone advise Me what could be the problem with my beloved TS-850Sat..

About 10 minutes after switch on it slowly drifts down about 10hz , not much I know !!, after that it is stable on Rx..

I've had 4 TS-850's over the years...still have 2 and 10hz. drift after turn-on is pretty normal in my experience. All of mine have done that.

# 3128. Re: [TS-850_450_690] re: TS-850 drift

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-13 09:06:22 UTC
From: Ron Meiring
Topic: 3127  Message: 3128

Here is an easy fix

http://tk5ep.free.fr/tech/ts850/tcxo/tcxo_g.htm

Cheers
Ron VK6KDD

On Tue, 12 Apr 2005 20:57:26 -0000, w5lx wrote:
>"Please could anyone advise Me what could be the problem with my
>beloved
>TS-850Sat..
>
>About 10 minutes after switch on it slowly drifts down about 10hz ,
>not
>much I know !!, after that it is stable on Rx..
>
>I've had 4 TS-850's over the years...still have 2 and 10hz. drift
>after
>turn-on is pretty normal in my experience. All of mine have done
>that.
>
>
>
>
>
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>
>
>Yahoo! Groups Links
>
>To visit your group on the web, go to:
>http://groups.yahoo.com/group/TS-850_450_690/
>
>To unsubscribe from this group, send an email to:
>TS-850_450_690-unsubscribe@yahoogroups.com
>
>Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>

# 3129. Memory channel scanning

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-13 21:37:01 UTC
From: merckxist
Topic: 3129  Message: 3129

While trying to learn how to do Group Scan of memory channels, I ran into a possible problem.I was trying to use the Group Scan function to scan the 60M frequencies I have programmed into the memory channels.The Group Scan worked ok, but there seems to be no way of exiting from it, once it has been selected.Pressing the CLR stops the scan, but has no effect on the Group Scan.If scanning is started again, it stays in the same group.The manual says nothing, that I can find, about getting out.I can change to another channel group, but no exit.
I did a memory reset, that wiped everything out, but after reprogramming the memory channels, I still have the same problem.Also, prior to doing the reset, I was able to tune the memory channels.Now they are fixed.I can't recall how I set them up like that, the only thing I have is a note about bringing up a setup function "xx", but nothing about how.Anybody have that information, and any help on Group Scan?

Al
KJ5GT

# 3130. Re: [TS-850_450_690] Memory channel scanning

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-14 01:51:49 UTC
From: ve3wej
Topic: 3129  Message: 3130

have you tried keying the rig with the mike??????

> While trying to learn how to do Group Scan of memory channels, I ran
> into a possible problem.I was trying to use the Group Scan function to
> scan the 60M frequencies I have programmed into the memory channels.The
> Group Scan worked ok, but there seems to be no way of exiting from it,
> once it has been selected.Pressing the CLR stops the scan, but has no
> effect on the Group Scan.If scanning is started again, it stays in the
> same group.The manual says nothing, that I can find, about getting
> out.I can change to another channel group, but no exit.
> I did a memory reset, that wiped everything out, but after
> reprogramming the memory channels, I still have the same problem.Also,
> prior to doing the reset, I was able to tune the memory channels.Now
> they are fixed.I can't recall how I set them up like that, the only
> thing I have is a note about bringing up a setup function "xx", but
> nothing about how.Anybody have that information, and any help on Group
> Scan?
>
> Al
> KJ5GT
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>
>
>
>

# 3131. Re: [TS-850_450_690] re: TS-850 drift

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-14 16:57:38 UTC
From: Bill K0ZL
Topic: 3127  Message: 3131

Thanks Ron.

I added the write up and the vendor's page to the
LINKS section of the group, under VENDORS.

Guys, don't hesitate to add links that you think are
useful and interesting, to our LINKS (bookmarks)
section.

As long as they are related in some way to Kenwood HF
gear, it's a go.

73,

Bill K0ZL

--- Ron Meiring <rmeiring@...> wrote:
> Here is an easy fix
>
> http://tk5ep.free.fr/tech/ts850/tcxo/tcxo_g.htm
>
> Cheers
> Ron VK6KDD
>
> On Tue, 12 Apr 2005 20:57:26 -0000, w5lx wrote:
> >"Please could anyone advise Me what could be the
> problem with my
> >beloved
> >TS-850Sat..
> >
> >About 10 minutes after switch on it slowly drifts
> down about 10hz ,
> >not
> >much I know !!, after that it is stable on Rx..
> >
> >I've had 4 TS-850's over the years...still have 2
> and 10hz. drift
> >after
> >turn-on is pretty normal in my experience. All of
> mine have done
> >that.
> >
> >
> >
> >
> >

> >
> >
> >
> >
> >THANKS FOR USING TS-850_450_690@...
> >
> >
> >Yahoo! Groups Links
> >
> >To visit your group on the web, go to:
> >http://groups.yahoo.com/group/TS-850_450_690/
> >
> >To unsubscribe from this group, send an email to:
> >TS-850_450_690-unsubscribe@yahoogroups.com
> >
> >Your use of Yahoo! Groups is subject to the Yahoo!
> Terms of Service.
> >
>
>
>
>

When in doubt, MODIFY...

# 3132. Re: Memory channel scanning

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-14 17:36:06 UTC
From: merckxist
Topic: 3129  Message: 3132

--- In TS-850_450_690@yahoogroups.com, "ve3wej" <ve3wej@c...> wrote:
> have you tried keying the rig with the mike??????
>
> > While trying to learn how to do Group Scan of memory channels, I ran
> > into a possible problem.I was trying to use the Group Scan function to

I tried that, and while it does stop the scan, it has no effect on the Group Scan function.It appears that once Group Scan is selected, it's permanent, unless you do a memory reset.The only way I have found to scan the other channels is to Group Scan all channels.For example, to scan channels 20-29, press and hold SCAN, then press and release keypad 2, release SCAN, and it scans channels 20-29.To be able to scan other channels, the only thing I have found to work is pressing SCAN, then all of the keypad digits, 0-9 in sequence, in effect, a Group Scan of all memory channels.I'm surprised that there seems to be no way out of Group Scan, unless I'm missing something in the manual.Also, that other list members seem to be just as ignorant as myself.I confess I haven't ever made much use of the scanning functions.

Al
KJ5GT

# 3133. Re: [TS-850_450_690] Re: Memory channel scanning

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-14 18:15:26 UTC
From: Paul Manuel
Topic: 3129  Message: 3133

--- merckxist <kj5gt@...> wrote:
>Also, that other list members seem to be just as ignorant
> as myself.I confess I haven't ever made much use of the scanning
> functions.

I must confess I did not know there was a "group scan" function. The only memories I have stored are the 60m frequencies, and I scan them. If my 850 was not currently "ill", I'd try to help figure this out.
Good luck & 73,
Paul K4PDM

_____
Do you Yahoo!?
Yahoo! Small Business - Try our new resources site!
http://smallbusiness.yahoo.com/resources/

# 3134. maybe OT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-16 18:13:00 UTC
From: Leon
Topic: 3134  Message: 3134

Hi all
Which is the price in U.S.A. for a good ts950 SDX?
Anybody knows where I can find one?
IZØEHO Andrea
www.iz0eho.com

[Non-text portions of this message have been removed]

# 3135. Re: ts-850: distortion on receive

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-18 07:24:10 UTC
From: dg7lan
Topic: 3091  Message: 3135

hey group,

i finally solved my rx problem.
had to recalibrate tc1 on the pll board. simple thing, if you know
where to search.

have a nice day,
andy
http://www.ssbaudio.net

--- In TS-850_450_690@yahoogroups.com, "dg7lan" <dg7lan@s...> wrote:
>
> i will check that out and come back to this when i have a solution!
>
> thanks! andy
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> > That's a strange one for sure.
> >
> > Perhaps a scope trace all the way back to the detector
> > (a bal de-modulator) might help?
> >
> > b

# 3136. TS450S/690S car unit need

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-18 14:46:56 UTC
From: novihr
Topic: 3136  Message: 3136

I need car unit (X50-3160-00)
for my TS-690S.
Do you know some shop or service when i can order
this part?
(Shipping in USA or CROATIA )
Thank you from 9A3ST

# 3137. Re: [TS-850_450_690] TS450S/690S car unit need

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-19 12:02:19 UTC
From: Bill K0ZL
Topic: 3136  Message: 3137

You need the entire unit?

b

--- novihr <novihr@...> wrote:
>
>
> I need car unit (X50-3160-00)
> for my TS-690S.
> Do you know some shop or service when i can order
> this part?
> (Shipping in USA or CROATIA )
> Thank you from 9A3ST
>
>
>
>
>
>
>
>
>

When in doubt, MODIFY...

# 3138. TS-850 OUTPUT POWER

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-19 13:00:47 UTC
From: k5box
Topic: 3138  Message: 3138

I have read the threads and now am haveing problems with output power.
The output will go up to aprx. 200 watts and cycle down to 0 watts !!
Is this HIGH of an output also a symtom of the DC/DC BOARD FAILURE?

# 3139. Re: [TS-850_450_690] TS-850 OUTPUT POWER

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-19 21:47:08 UTC
From: Bill K0ZL
Topic: 3138  Message: 3139

Yes, change R2, R3 to 18k

b

--- k5box <k5box@...> wrote:
>
> I have read the threads and now am haveing problems
> with output power.
> The output will go up to aprx. 200 watts and cycle
> down to 0 watts !!
> Is this HIGH of an output also a symtom of the DC/DC
> BOARD FAILURE?
>
>
>
>

When in doubt, MODIFY...

# 3140. Re: [TS-850_450_690] TS450S/690S car unit need

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-20 01:07:46 UTC
From: Branko Martincic
Topic: 3136  Message: 3140

Yes, the entire unit.
Also from anyone who has a TS-450/690 available for
parts from which the car unit module can be used.
Branko, 9A3ST

--- Bill K0ZL <coorsbill@...> wrote:

> You need the entire unit?
>
> b
>
> --- novihr <novihr@...> wrote:
> >
> >
> > I need car unit (X50-3160-00)
> > for my TS-690S.
> > Do you know some shop or service when i can order
> > this part?
> > (Shipping in USA or CROATIA )
> > Thank you from 9A3ST
> >
> >
> >
> >
> >
> >
> >
> >
> >
>
>
> When in doubt, MODIFY...
>
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>

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Do you Yahoo!?
Plan great trips with Yahoo! Travel: Now over 17,000 guides!
http://travel.yahoo.com/p-travelguide

# 3141. TS-450S Ribbon Cables

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-22 17:51:03 UTC
From: rbudz1
Topic: 3141  Message: 3141

Could anybody help me identify the part numbers for the two ribbon cables on the IF board. I need both of these cables.

CN7
CN1.

Thanks.....Bob WB8QEP

# 3142. DSP board or speaker

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-22 22:38:18 UTC
From: Tim
Topic: 3142  Message: 3142

Hi 450/850 lovers,
Anyone had success adding a DSB board, like the SGC DSP2, to a
450/850? Or is anyone using one the DSP speakers that works so great
that they can't do without.
Enjoy Ham Radio every day,
Tim K6CA

# 3143. Re: [TS-850_450_690] DSP board or speaker

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-23 00:16:45 UTC
From: n7ioh
Topic: 3142  Message: 3143

Hi Tim, I am using the ClearSpeech speaker and would not be without it. I currently have 2 of them, one for my base and my other is used for portable use. I am looking for one more for mobile use. I also have the SCAF-1 by Idiom Press. I honestly can't give you any real feedback it it though. I quickly hooked it up to make sure it worked because I bought it used and then put it back in the box. The reviews in eham give it a top rating. I talked to another ham who has owned both the ClearSpeech and the SCAF-1 and he preferred the SCAF-1. The SCAF-1 is adjustable so you can tailor it more for conditions and individual likes and dislikes. The ClearSpeech is ether on or off, no fussing and it works. I have also heard some good reports about the Timewave units, but never used one. I bought mine used and I believe most of these units are over priced for whats inside them. There are stations I can't copy until I turn on the ClearSpeech unit. I just leave mine on all the time and it takes out that constant noise that makes it hard to listen to your radio all day long. What you might consider is trying to borrow some of the different units from local hams and test them yourself. I hope this helps.

Al, N7IOH

Tim wrote:

>Hi 450/850 lovers,
>Anyone had success adding a DSB board, like the SGC DSP2, to a
>450/850? Or is anyone using one the DSP speakers that works so great
>that they can't do without.
>Enjoy Ham Radio every day,
>Tim K6CA
>
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>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3144. Re: [TS-850_450_690] TS-450S Ribbon Cables

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-22 18:04:15 UTC
From: jeryb77
Topic: 3141  Message: 3144

Bob

CN1 = E40-5348-05
CN7 = E40-5426-05

Jerry
----- Original Message -----
From: rbudz1
To: TS-850_450_690@yahoogroups.com
Sent: Friday, April 22, 2005 1:51 PM
Subject: [TS-850_450_690] TS-450S Ribbon Cables

Could anybody help me identify the part numbers for the two ribbon
cables on the IF board. I need both of these cables.

CN7
CN1.

Thanks.....Bob WB8QEP

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

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[Non-text portions of this message have been removed]

# 3145. Re: [TS-850_450_690] TS-450S Ribbon Cables

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-24 18:17:17 UTC
From: Robert Budzbanowski
Topic: 3141  Message: 3145

Thanks so very much.....Bob WB8QEP I really appreciate your help

jeryb77 <jeryb77@...> wrote:
Bob

CN1 = E40-5348-05
CN7 = E40-5426-05

Jerry
----- Original Message -----
From: rbudz1
To: TS-850_450_690@yahoogroups.com
Sent: Friday, April 22, 2005 1:51 PM
Subject: [TS-850_450_690] TS-450S Ribbon Cables

Could anybody help me identify the part numbers for the two ribbon
cables on the IF board. I need both of these cables.

CN7
CN1.

Thanks.....Bob WB8QEP

THANKS FOR USING TS-850_450_690@...

---
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[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

---
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To unsubscribe from this group, send an email to:
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Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

# 3146. ebay item

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-24 23:04:23 UTC
From: n7ioh
Topic: 3146  Message: 3146

Hi all, I found an item on ebay that is suppose to provide a soft start for tube radios, amps, and other heavy current draw items. I was wondering if anyone can tell me anything about it? Would it be a good item to use, etc? Here is the link to the item.
Thanks, Al, N7IOH

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=5768943923&rd=1&sspagename=STRK%3AMEWA%3AIT&rd=1

# 3147. Re: ebay item

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-25 21:27:32 UTC
From: rick54045
Topic: 3146  Message: 3147

Here is a link to specifications of the surge protector. Sounds
interesting.

http://www.ametherm.com/Data%20Sheets/SL22%205R012.pdf#search='5R012'

Eric N7DLV

--- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
> Hi all, I found an item on ebay that is suppose to provide a
soft
> start for tube radios, amps, and other heavy current draw items.
I
was
> wondering if anyone can tell me anything about it? Would it be a
good
> item to use, etc? Here is the link to the
item.
> Thanks, Al, N7IOH
>
> http://cgi.ebay.com/ws/eBayISAPI.dll?
ViewItem&item=5768943923&rd=1&sspagename=STRK%3AMEWA%3AIT&rd=1

# 3148. Re: DSP board or speaker

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-25 20:21:30 UTC
From: Richard Morton
Topic: 3142  Message: 3148

Hi All
I am using a Timewave DSP-599zx with my Kenwwod TS-850SAT
and they work great.

Rick KR4EY

# 3149. Re: ebay item

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-29 16:04:35 UTC
From: Steve Matda
Topic: 3146  Message: 3149

Only two things to consider:

A) When inline, these may present a voltage drop to the circuit.

B) If the equipment is turned off, then back on before the device
cools, all protection is lost.

Here's a good link to exactly what they do:

http://www.ametherm.com/Inrush_Current/inrush_current_faq.html

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "rick54045" <rick54045@y...>
wrote:
>
> Here is a link to specifications of the surge protector. Sounds
> interesting.
>
> http://www.ametherm.com/Data%20Sheets/SL22%
205R012.pdf#search='5R012'
>
> Eric N7DLV
>
>
> --- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
> > Hi all, I found an item on ebay that is suppose to provide a
> soft
> > start for tube radios, amps, and other heavy current draw items.
> I
> was
> > wondering if anyone can tell me anything about it? Would it be a
> good
> > item to use, etc? Here is the link to the
> item.
> > Thanks, Al, N7IOH
> >
> > http://cgi.ebay.com/ws/eBayISAPI.dll?
> ViewItem&item=5768943923&rd=1&sspagename=STRK%3AMEWA%3AIT&rd=1

# 3150. Re: [TS-850_450_690] Re: ebay item

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-29 16:19:01 UTC
From: n7ioh
Topic: 3146  Message: 3150

Thanks Steve, it looked too good to be true. I guess I will go with
the tried and true methods.

Al, N7IOH

Steve Matda wrote:

>Only two things to consider:
>
>A) When inline, these may present a voltage drop to the circuit.
>
>B) If the equipment is turned off, then back on before the device
>cools, all protection is lost.
>
>Here's a good link to exactly what they do:
>
>http://www.ametherm.com/Inrush_Current/inrush_current_faq.html
>
>Steve, KE4MOB
>
>
>--- In TS-850_450_690@yahoogroups.com, "rick54045" <rick54045@y...>
>wrote:
>
>
>>Here is a link to specifications of the surge protector. Sounds
>>interesting.
>>
>>http://www.ametherm.com/Data%20Sheets/SL22%
>>
>>
>205R012.pdf#search='5R012'
>
>
>>Eric N7DLV
>>
>>
>>--- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
>>
>>
>>> Hi all, I found an item on ebay that is suppose to provide a
>>>
>>>
>>soft
>>
>>

>>>start for tube radios, amps, and other heavy current draw items.
>>>
>>>
>>I
>>was
>>
>>
>>>wondering if anyone can tell me anything about it? Would it be a
>>>
>>>
>>good
>>
>>
>>>item to use, etc? Here is the link to the
>>>
>>>
>>item.
>>
>>
>>>Thanks, Al, N7IOH
>>>
>>>http://cgi.ebay.com/ws/eBayISAPI.dll?
>>>
>>>
>>ViewItem&item=5768943923&rd=1&sspagename=STRK%3AMEWA%3AIT&rd=1
>>
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3151. New Yahoo Group

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-30 19:11:58 UTC
From: Steve Matda
Topic: 3151  Message: 3151

Hi gang. I have started a new group specifically for the Kenwood TR7950 and 7930 line of radios. If you are interested, go to:

http://groups.yahoo.com/group/TR7950/

Thanks,

Steve, KE4MOB

# 3152. INRAD Filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-04-30 19:31:28 UTC
From: Leon
Topic: 3152  Message: 3152

Hi all

does anyone has a INRAD filters in a 850SAT?
I have it full of filters and I would like to know if the INRAD for SSB will improve really the performance in the lower bands

IZØEHO Andrea
www.iz0eho.com

[Non-text portions of this message have been removed]

# 3153. Re: [TS-850_450_690] INRAD Filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-01 02:02:54 UTC
From: Ron Meiring
Topic: 3152  Message: 3153

Hi Andrea,

I am not impressed by the Inrad filters. They have a bigger ripple than
the factory filters over the freq range.
One reason to go to inrad, could be that they have different filters.
Some filters are better choosen.
But If I could choose between Inrad and Kenwood ......
It would be Kenwood.
By the way I have both. One rig with Kenwood filters, one rig with
Inrad. (only for SSB)

Cheers
Ron VK6KDD

Leon wrote:

> Hi all
>
> does anyone has a INRAD filters in a 850SAT?
> I have it full of filters and I would like to know if the INRAD for
> SSB will improve really the performance in the lower bands
>
> IZ?EHO Andrea
> www.iz0eho.com
>
> [Non-text portions of this message have been removed]
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
> ------------------------------------------------------------------------
> *Yahoo! Groups Links*
>
> * To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
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> Service <http://docs.yahoo.com/info/terms/>.
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>

# 3154. Re: INRAD Filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-01 04:00:06 UTC
From: w7tea
Topic: 3152  Message: 3154

Andrea,
I have pair of cascaded 400 hz filters for CW and a 2.1khz SSB filter. I first bought InRad filters for a TS 940 and then others for a Drake C line. I have always been pleased and found
their skirts steeper than Kenwood. Now my experience goes back 15+ years so things may have changed.

# 3155. Re: [TS-850_450_690] INRAD Filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-01 09:30:07 UTC
From: Leon
Topic: 3152  Message: 3155

Hi
I have INRAD on my ft857 and they work better than the Yaesu, my only doubt is that they do not fit perfect on the mainboard inside the 850
IZØEHO Andrea
www.iz0eho.com
----- Original Message -----
From: Ron Meiring
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, May 01, 2005 4:02 AM
Subject: Re: [TS-850_450_690] INRAD Filters

Hi Andrea,

I am not impressed by the Inrad filters. They have a bigger ripple than
the factory filters over the freq range.
One reason to go to inrad, could be that they have different filters.
Some filters are better choosen.
But If I could choose between Inrad and Kenwood ......
It would be Kenwood.
By the way I have both. One rig with Kenwood filters, one rig with
Inrad. (only for SSB)

Cheers
Ron VK6KDD

Leon wrote:

> Hi all
>
> does anyone has a INRAD filters in a 850SAT?
> I have it full of filters and I would like to know if the INRAD for
> SSB will improve really the performance in the lower bands
>
> IZØEHO Andrea
> www.iz0eho.com
>
> [Non-text portions of this message have been removed]
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
> ------------------------------------------------------------------------
> *Yahoo! Groups Links*
>

> * To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>

THANKS FOR USING TS-850_450_690@...

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TS-850_450_690-unsubscribe@yahoogroups.com

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[Non-text portions of this message have been removed]

# 3156. Problems with AT850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-02 11:08:35 UTC
From: oz1jux
Topic: 3156  Message: 3156

Sometimes my AT850 not will return automatic to RX mode after tunning
an sometimes it okay. What is the problems?
Any Ideas?

Vy de oz1jux
Kim

# 3157. Re: [TS-850_450_690] Problems with AT850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-02 13:32:30 UTC
From: Kim Wind
Topic: 3156  Message: 3157

Have found out the problems if Carrier is turn to zero to 3 it not will turn off automatic over 3 it does.

Vy de oz1jux

oz1jux <oz1jux@...> wrote:
Sometimes my AT850 not will return automatic to RX mode after tunning
an sometimes it okay. What is the problems?
Any Ideas?

Vy de oz1jux
Kim

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

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http://groups.yahoo.com/group/TS-850_450_690/

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

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Best regards

oz1jux

oz1jux@...
http://oz1jux.qrz.dk
---
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

# 3158. Re: INRAD Filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-02 13:22:10 UTC
From: evilkalla
Topic: 3152  Message: 3158

I have a pair of INRAD 400 Hz CW filters in my 850 and they fit in there just fine. You have to clip a pin off of the filter jack for them but it's no big deal.

K4LLA

> Hi
> I have INRAD on my ft857 and they work better than the Yaesu, my only doubt is that they do not fit perfect on the mainboard inside the 850
> IZØEHO Andrea
> www.iz0eho.com

# 3159. FOR SALE SB-200 Amp

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-03 00:02:55 UTC
From: n7ioh
Topic: 3159  Message: 3159

Hi guys, Hi all, I have the Heathkit SB-220 amp in beautiful condition with original manual for $600 plus shipping from Arizona. It puts out full power and has no problems, has been used very lightly. It is currently wired for 220vac but can be wired for 110vac. To my knowledge there have been no mods done to this amp. I have photos if you would like to see the amp. I am moving to the Philippines and it is just to big and heavy to want to ship. Best to contact me via email off line, n7ioh@...

Thanks, Al, N7IOH

# 3160. Re: INRAD Filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-03 21:17:48 UTC
From: k9or@comcast.net
Topic: 3152  Message: 3160

If you are putting 2 Inrad filters in the 8.8 IF, pay heed to how you line them up - the filter elements on the various ones I have are asymmetric on the mounting board, and tend to hang over the side. The elements are larger than those on the standard Kenwood models, and will interfere with one another. You want the hanging-over parts pointing away from each other. Even then you may have to do some finagling to make them fit. In addition you will need to snip 2 pins off the appropriate end of the filter jack on the 850 (Inrads have 3 pin connections on one of their ends, vs. 5 on the Kenwoods). It's a harmless snip, those pins don't do anything.

73 Randy K9OR

# 3161. OT Question but important for me

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-07 23:59:49 UTC
From: Leon
Topic: 3161  Message: 3161

Hi all
sorry this is OT but I don't know where ask about
I need a pair of new matched CETRON 572B (USA Made not Svetlana not China).
Can somebody let me know where to find?
Thanks and sorry again for the OT question.
IZØEHO Andrea
www.iz0eho.com

[Non-text portions of this message have been removed]

# 3163. Contest controller construction article for the TS-850S/AT & TS-950S/AT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-09 05:44:46 UTC
From: rick54045
Topic: 3163  Message: 3163

On my web page I have posted a construction article for a contest controller. The link to the article has been added to the LINKS section of this group. I hope you enjoy reading it as much as I enjoyed building it. I can't wait to try it out on Field Day!

Eric N7DLV

# 3164. 8 Months and still Great!!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-09 06:54:15 UTC
From: ah6rr1
Topic: 3164  Message: 3164

Well I have had my 850SAT for over 8 months now and it still the Best Radio I have ever used. I just can not find a thing wrong with it. Why did Kenwood stop making this extra fine Radio? Just wanted to let you know.

73,
Roland AH6RR

# 3165. Re: [TS-850_450_690] 8 Months and still Great!!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-09 15:03:38 UTC
From: Bill K0ZL
Topic: 3164  Message: 3165

The ham world was screaming for DSP, so out came the
870.

bill

--- ah6rr1 <Toesonnose@...> wrote:
> Well I have had my 850SAT for over 8 months now and
> it still the Best
> Radio I have ever used. I just can not find a thing
> wrong with it. Why
> did Kenwood stop making this extra fine Radio? Just
> wanted to let you
> know.
>
> 73,
> Roland AH6RR
>
>
>

When in doubt, MODIFY...

# 3166. Re: [TS-850_450_690] 8 Months and still Great!!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-09 15:26:16 UTC
From: Leon
Topic: 3164  Message: 3166

Personally i cannot find any great difference between the 850 and the 870....only more money to get one.
Proud owner of 850SAT
IZØEHO Andrea
www.iz0eho.com
----- Original Message -----
From: Bill K0ZL
To: TS-850_450_690@yahoogroups.com
Sent: Monday, May 09, 2005 5:03 PM
Subject: Re: [TS-850_450_690] 8 Months and still Great!!!

The ham world was screaming for DSP, so out came the
870.

bill

--- ah6rr1 <Toesonnose@hawaii.rr.com> wrote:
> Well I have had my 850SAT for over 8 months now and
> it still the Best
> Radio I have ever used. I just can not find a thing
> wrong with it. Why
> did Kenwood stop making this extra fine Radio? Just
> wanted to let you
> know.
>
> 73,
> Roland AH6RR
>
>
>

When in doubt, MODIFY...

THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COM

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[Non-text portions of this message have been removed]

# 3167. Re: [TS-850_450_690] Re: INRAD Filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-09 16:37:34 UTC
From: Richard A Powers
Topic: 3152  Message: 3167

Hi;
I wonder if you could tell me the Inrad Number on that filter?

Thanks,
Dick WB9PWQ

On Mon, 02 May 2005 13:22:10 -0000 "evilkalla" <evilkalla@...>
writes:
> I have a pair of INRAD 400 Hz CW filters in my 850 and they fit in
> there just fine. You have to clip a pin off of the filter jack for
> them but it's no big deal.
>
> K4LLA
>
> > Hi
> > I have INRAD on my ft857 and they work better than the Yaesu, my
> only doubt is that they do not fit perfect on the mainboard inside
> the 850
> > IZ?EHO Andrea
> > www.iz0eho.com
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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Have a Good Day,
Dick Powers

# 3168. Re: DSP-100 and TS850s cat control

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-09 19:26:36 UTC
From: VK4TUX
Topic: 3168  Message: 3168

Hi all, I recently fitted a 2nd dsp-100 unit here to my 2nd 850s setup.I use a lot of digital modes/programs, and I find the dsp-100 remote out 6 pin din socket, does not provide the same level of cat control as the direct Acc 1 connection to the TS850s direct. I solved the problem using logger 32 which did not frequency track or telnet window spot adjust transceiver, by setting the parity to "mark". However in DIGTRX , MMSSTV & mixW2 etc I have trouble with ptt not working or staying on tx. Anyone worked away around this problem please?

Adrian de

VK4TUX

[Non-text portions of this message have been removed]

# 3169. Re: [TS-850_450_690] Re: DSP-100 and TS850s cat control

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-09 20:54:29 UTC
From: ve3wej
Topic: 3168  Message: 3169

ptt here is through the mike jack (for the 850) for now, with audio coming
from 13 pin jack for fixed level audio

----- Original Message -----
From: "VK4TUX" <vk4tux@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, May 09, 2005 3:26 PM
Subject: [TS-850_450_690] Re: DSP-100 and TS850s cat control

> Hi all, I recently fitted a 2nd dsp-100 unit here to my 2nd 850s setup.I
use a lot of digital modes/programs, and I find the dsp-100 remote out 6 pin
din socket, does not provide the same level of cat control as the direct Acc
1 connection to the TS850s direct. I solved the problem using logger 32
which did not frequency track or telnet window spot adjust transceiver, by
setting the parity to "mark". However in DIGTRX , MMSSTV & mixW2 etc I have
trouble with ptt not working or staying on tx. Anyone worked a
> way around this problem please?
>
> Adrian de
>
> VK4TUX
>
> [Non-text portions of this message have been removed]
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3170. Re: 8 Months and still Great!!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-10 02:20:28 UTC
From: max_ve3tmt
Topic: 3164  Message: 3170

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@h...> wrote:
> Well I have had my 850SAT for over 8 months now and it still the Best
> Radio I have ever used. I just can not find a thing wrong with it. Why
> did Kenwood stop making this extra fine Radio? Just wanted to let you
> know.
>
> 73,
> Roland AH6RR

Same question I keep asking myself Roland. Still kicking myself for selling or trading the 3 TS850's I previously owned. Now about to take delivery of my 4th. Moving to a new house in July with no antenna restrictions (finally!!) and I am going to love using my "new" 850. Have a wonderful 830 on standby, debating whether to sell it or not.

Max

# 3171. TS-850S CAT Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-10 05:27:00 UTC
From: Jack Weber
Topic: 3171  Message: 3171

Hi Folks,

As a new owner of a TS-850S(AT) I have spent a significant amount of time since it arrived just exploring all of the features this rig has to offer. What a sweet radio! I am trying to use my PC to CAT control this rig.
Is there anything special in a hidden menu somewhere that I need to set or enable to get the two talking? I am using Ham Radio Deluxe and it never sees the TS-850. I am using com-1 and a cable that was made in the UK. All I get is an error message after it times out. Any help or pointers would certainly be appreciated.
I'm just an old dog trying to learn new tricks...

73,
Jack, N1JLW

[Non-text portions of this message have been removed]

# 3172. Re: TS-850S CAT Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-10 11:01:03 UTC
From: max_ve3tmt
Topic: 3171  Message: 3172

First thing I would check Jack is to make sure the cable is okay. But with only one rig that might be difficult. You have to make sure you have the comm parameters set right. For the 850 it is 8,2,N. Eight character bits, 2 stop bits, no parity. Try the other comm port if you PC has one. I usually use COM2 as some PC's will reserve COM1 for a mouse, depending on the PC. I have used HRD, MixW and a host of others with the 850's and they all work great. Just might take a bit of time fiddling with the settings, but if the cable is at fault you are just wasting your time. Interfaces using the MAX232A chip can be made for under $20. I will be making another one myself as soon as my 850 arrives this week.

Keep us updated.

Max

# 3173. Re: [TS-850_450_690] TS-850S CAT Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-10 12:53:24 UTC
From: Zack Widup
Topic: 3171  Message: 3173

On Tue, 10 May 2005, Jack Weber wrote:

> Hi Folks,
>
> As a new owner of a TS-850S(AT) I have spent a significant amount of time since it arrived just exploring all of the features this rig has to offer. What a sweet radio! I am trying to use my PC to CAT control this rig.
> Is there anything special in a hidden menu somewhere that I need to set or enable to get the two talking? I am using Ham Radio Deluxe and it never sees the TS-850. I am using com-1 and a cable that was made in the UK. All I get is an error message after it times out. Any help or pointers would certainly be appreciated.
> I'm just an old dog trying to learn new tricks...
>
> 73,
> Jack, N1JLW
>

I never needed to do anything special with mine. I've used it with K1EA's CT contesting program and with Kentrol, which I uploaded to the files section not too long ago. I also use a program called ClusterBuster once in a while.

The serial port on the TS-850 runs at 4800 baud, no parity, 8 data bits, one stop bit. You might want to check those settings in your computer program.

73, Zack W9SZ

# 3174. Re: [TS-850_450_690] TS-850S CAT Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-10 12:58:04 UTC
From: Ron Haynes
Topic: 3171  Message: 3174

Zack Widup wrote:
> On Tue, 10 May 2005, Jack Weber wrote:
>
>
>>Hi Folks,
>>
>> As a new owner of a TS-850S(AT) I have spent a significant amount of time since it arrived just exploring all of the features this rig has to offer. What a sweet radio! I am trying to use my PC to CAT control this rig.
>> Is there anything special in a hidden menu somewhere that I need to set or enable to get the two talking? I am using Ham Radio Deluxe and it never sees the TS-850. I am using com-1 and a cable that was made in the UK. All I get is an error message after it times out. Any help or pointers would certainly be appreciated.
>> I'm just an old dog trying to learn new tricks...
>>

Make sure you have version 3.0 of HRD

Ron W8RAH

# 3175. Re: [TS-850_450_690] TS-850S CAT Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-10 13:10:16 UTC
From: Zack Widup
Topic: 3171  Message: 3175

On Tue, 10 May 2005, Zack Widup wrote:

> 
> I never needed to do anything special with mine. I've used it with K1EA's
> CT contesting program and with Kentrol, which I uploaded to the files
> section not too long ago. I also use a program called ClusterBuster once
> in a while.
> 
> The serial port on the TS-850 runs at 4800 baud, no parity, 8 data bits,
> one stop bit. You might want to check those settings in your computer
> program.
> 
> 73, Zack W9SZ
> 

Correction - Max is right, it's TWO stop bits, not one. Sorry about that.
Sometimes it helps to look at the manual! :)

73, Zack W9SZ

# 3176. Re: [TS-850_450_690] TS-850S CAT Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-10 12:58:00 UTC
From: tsmithers@cix.co.uk
Topic: 3171  Message: 3176

Jack,
Just so you have something to compare with my HRD/850 connect screen shows the following:

Speed = 4800
CVI address = blank
CTS = checked
DTR = blank
RTS = checked

If you have a dodgy cable/interface and want an out of the box solution have a look at the MicroHam USB interface http://www.microham.com/USB%20interfaces.html

The HRD Interface Guide can be found here http://www.ham-radio.ch/doc/Interfaces.pdf

Trevor G0KTN

# 3177. Re: [TS-850_450_690] TS-850S CAT Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-11 01:21:42 UTC
From: VK4TUX
Topic: 3171  Message: 3177

Hi Trevor and the Group, Do I need to have a static ip to set up the Hrd server here Trevor? i.e.;So others can connect to my 850s via Ham radio deluxe via internet? I have connected to others and have set up the service on XP here. Also the 2 stop bits does seem to work better than 1 which I previously have used (thought was correct).

regards Adrian

"Jack,
Just so you have something to compare with my HRD/850 connect screen shows the following:

Speed = 4800
CVI address = blank
CTS = checked
DTR = blank
RTS = checked "

[Non-text portions of this message have been removed]

# 3178. Re: [TS-850_450_690] TS-850S CAT Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-11 09:21:00 UTC
From: tsmithers@cix.co.uk
Topic: 3171  Message: 3178

Hello Adrian,
Don't know a lot about ip addresses etc but did a search on the HRD user forum and found this which might help
http://www.ham-radio.ch/forums/viewtopic.php?t=1820&highlight=static+ip

Trevor G0KTN

# 3179. TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-14 18:58:39 UTC
From: Richard A Powers
Topic: 3179  Message: 3179

Does anybody have any opinions about the DSP-100 for the TS-850?
SSB, Digital, CW?

73, Dick WB9PWQ

# 3180. Re: [TS-850_450_690] TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-14 19:10:00 UTC
From: ve3wej
Topic: 3179  Message: 3180

honestly, I think I would sooner sell my ts850, and but a new radio that has dsp in it.....I have seen "dead" dsp100 go for 200-300 dollars. add that to the 700-900 cost of a good used 850 you could buyan ic706 with the dsp optioon and have a radio that is new, not 15+ years old

Dave
----- Original Message -----
From: "Richard A Powers" <powersharp@...>
To: <ts-850_450_690@yahoogroups.com>
Sent: Saturday, May 14, 2005 2:58 PM
Subject: [TS-850_450_690] TS-850 - DSP-100

> Does anybody have any opinions about the DSP-100 for the TS-850?
> SSB, Digital, CW?
>
> 73, Dick WB9PWQ
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3181. Re: [TS-850_450_690] TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-14 19:08:10 UTC
From: ve3wej
Topic: 3179  Message: 3181

very expensive.....

----- Original Message -----
From: "Richard A Powers" <powersharp@...>
To: <ts-850_450_690@yahoogroups.com>
Sent: Saturday, May 14, 2005 2:58 PM
Subject: [TS-850_450_690] TS-850 - DSP-100

> Does anybody have any opinions about the DSP-100 for the TS-850?
> SSB, Digital, CW?
>
> 73, Dick WB9PWQ
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3182. Re: [TS-850_450_690] TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-14 19:52:08 UTC
From: Richard A Powers
Topic: 3179  Message: 3182

Hi Dave;
I didn't realize they cost that much.
Well, my opinion is the ICOM 706 would never stand up to the Kenwood TS-850.
(That ought to start a fire!)
But thanks very much for the info - I appreciate it.

73, Dick WB9PWQ

On Sat, 14 May 2005 15:10:00 -0400 "ve3wej" <ve3wej@...> writes:
> honestly, I think I would sooner sell my ts850, and but a new radio
> that has
> dsp in it.......I have seen "dead" dsp100 go for 200-300 dollars.
> add that
> to the 700-900 cost of a good used 850 you could buyan ic706 with
> the dsp
> optioon and have a radio that is new, not 15+ years old
>
> Dave
> ----- Original Message -----
> From: "Richard A Powers" <powersharp@...>
> To: <ts-850_450_690@yahoogroups.com>
> Sent: Saturday, May 14, 2005 2:58 PM
> Subject: [TS-850_450_690] TS-850 - DSP-100
>
>
> > Does anybody have any opinions about the DSP-100 for the TS-850?
> > SSB, Digital, CW?
> >
> > 73, Dick WB9PWQ
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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Have a Good Day,
Dick Powers

# 3183. Re: [TS-850_450_690] TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-14 20:34:59 UTC
From: Bill K0ZL
Topic: 3179  Message: 3183

REally raises the value of the 850 and they work
great. Brings IF DSP to the 850. the combo is better
than an 870.

bill

--- Richard A Powers <powersharp@...> wrote:
> Does anybody have any opinions about the DSP-100 for
> the TS-850?
> SSB, Digital, CW?
>
> 73, Dick WB9PWQ
>

When in doubt, MODIFY...

# 3184. Re: [TS-850_450_690] TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-14 20:41:13 UTC
From: Eric
Topic: 3179  Message: 3184

Dick, I uh, I gotta say, uh, I agree with ya! On HF the 706 (new? vs 15 yo KW) is a toy compared to the 850. As far as an 850 w/dsp-100 (which I have), I would recommend buying the KW ts-870 (which I have) if you are after dsp features. Would I sell my 850/dsp-100? No!, but I believe their scarcity is what is driving up the price because the performance is early dsp technology.

Eric

----- Original Message -----
From: "Richard A Powers" <powersharp@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, May 14, 2005 2:52 PM
Subject: Re: [TS-850_450_690] TS-850 - DSP-100

> Hi Dave;
> I didn't realize they cost that much.
> Well, my opinion is the ICOM 706 would never stand up to the Kenwood
> TS-850.
> (That ought to start a fire!)
> But thanks very much for the info - I appreciate it.
>
> 73, Dick WB9PWQ
>
> On Sat, 14 May 2005 15:10:00 -0400 "ve3wej" <ve3wej@...> writes:
>> honestly, I think I would sooner sell my ts850, and but a new radio
>> that has
>> dsp in it.......I have seen "dead" dsp100 go for 200-300 dollars.
>> add that
>> to the 700-900 cost of a good used 850 you could buyan ic706 with
>> the dsp
>> optioon and have a radio that is new, not 15+ years old
>>
>> Dave
>> ----- Original Message -----
>> From: "Richard A Powers" <powersharp@...>
>> To: <ts-850_450_690@yahoogroups.com>
>> Sent: Saturday, May 14, 2005 2:58 PM
>> Subject: [TS-850_450_690] TS-850 - DSP-100
>>
>>
>> > Does anybody have any opinions about the DSP-100 for the TS-850?
>> > SSB, Digital, CW?
>> >
>> > 73, Dick WB9PWQ
>> >

>> >
>> > THANKS FOR USING TS-850_450_690@...
>> > Yahoo! Groups Links
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>> THANKS FOR USING TS-850_450_690@...
>> Yahoo! Groups Links
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> Have a Good Day,
> Dick Powers
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3185. Re: [TS-850_450_690] TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-14 20:46:31 UTC
From: Dick Powers
Topic: 3179  Message: 3185

Bill;
Well, I'm kind of a dumb-dumb at least when it comes to DSP.
I hear that the DSP-100 is only effective on Transmit. In SSB mode I
think.
I do have a very limited experience in PACTOR & the Sound Card modes & I
assumed that is what the DSP-100 is for.
Based on that, can you point me to a place where I can find out more
about this? (Probably the FIRST Question I should have asked!!).

73,
Dick WB9PWQ

On Sat, 14 May 2005 13:34:59 -0700 (PDT) Bill K0ZL <coorsbill@...>
writes:
> REally raises the value of the 850 and they work
> great. Brings IF DSP to the 850. the combo is better
> than an 870.
>
> bill
>
> --- Richard A Powers <powersharp@...> wrote:
> > Does anybody have any opinions about the DSP-100 for
> > the TS-850?
> > SSB, Digital, CW?
> >
> > 73, Dick WB9PWQ
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> When in doubt, MODIFY...
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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Dick

# 3186. Re: [TS-850_450_690] TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-14 20:55:40 UTC
From: Eric
Topic: 3179  Message: 3186

Check this out: www.eham.net/reviews/detail/1677

www.eham.net/articles/10568

Eric

----- Original Message -----
From: "Dick Powers" <powersharp@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, May 14, 2005 3:46 PM
Subject: Re: [TS-850_450_690] TS-850 - DSP-100

> Bill;
> Well, I'm kind of a dumb-dumb at least when it comes to DSP.
> I hear that the DSP-100 is only effective on Transmit. In SSB mode I
> think.
> I do have a very limited experience in PACTOR & the Sound Card modes & I
> assumed that is what the DSP-100 is for.
> Based on that, can you point me to a place where I can find out more
> about this? (Probably the FIRST Question I should have asked!!).
>
> 73,
> Dick WB9PWQ
>
> On Sat, 14 May 2005 13:34:59 -0700 (PDT) Bill K0ZL <coorsbill@...>
> writes:
>> REally raises the value of the 850 and they work
>> great. Brings IF DSP to the 850. the combo is better
>> than an 870.
>>
>> bill
>>
>> --- Richard A Powers <powersharp@...> wrote:
>> > Does anybody have any opinions about the DSP-100 for
>> > the TS-850?
>> > SSB, Digital, CW?
>> >
>> > 73, Dick WB9PWQ
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>> When in doubt, MODIFY...
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>> THANKS FOR USING TS-850_450_690@...
>> Yahoo! Groups Links
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> Dick
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3187. Re: [TS-850_450_690] TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-14 21:01:26 UTC
From: Dick Powers
Topic: 3179  Message: 3187

Well Eric;
Thanks for the comeback. I guess it would have to be a used TS-870 as I
believe it is a discontinued item.
73,
Dick WB9PWQ

On Sat, 14 May 2005 15:41:13 -0500 "Eric" <kr9w@...> writes:
> Dick, I uh, I gotta say, uh, I agree with ya! On HF the 706 (new? vs
> 15 yo
> KW) is a toy compared to the 850. As far as an 850 w/dsp-100 (which
> I
> have), I would recommend buying the KW ts-870 (which I have) if you
> are
> after dsp features. Would I sell my 850/dsp-100? No!, but I
> believe their
> scarcity is what is driving up the price because the performance is
> early
> dsp technology.
>
> Eric
>
>
> ----- Original Message -----
> From: "Richard A Powers" <powersharp@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Saturday, May 14, 2005 2:52 PM
> Subject: Re: [TS-850_450_690] TS-850 - DSP-100
>
>
> > Hi Dave;
> > I didn't realize they cost that much.
> > Well, my opinion is the ICOM 706 would never stand up to the
> Kenwood
> > TS-850.
> > (That ought to start a fire!)
> > But thanks very much for the info - I appreciate it.
> >
> > 73, Dick WB9PWQ
> >
> > On Sat, 14 May 2005 15:10:00 -0400 "ve3wej" <ve3wej@...>
> writes:
> >> honestly, I think I would sooner sell my ts850, and but a new
> radio
> >> that has
> >> dsp in it.......I have seen "dead" dsp100 go for 200-300

> dollars.
> >> add that
> >> to the 700-900 cost of a good used 850 you could buyan ic706
> with
> >> the dsp
> >> optioon and have a radio that is new, not 15+ years old
> >>
> >> Dave
> >> ----- Original Message -----
> >> From: "Richard A Powers" <powersharp@...>
> >> To: <ts-850_450_690@yahoogroups.com>
> >> Sent: Saturday, May 14, 2005 2:58 PM
> >> Subject: [TS-850_450_690] TS-850 - DSP-100
> >>
> >>
> >> > Does anybody have any opinions about the DSP-100 for the
> TS-850?
> >> > SSB, Digital, CW?
> >> >
> >> > 73, Dick WB9PWQ
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> >> > THANKS FOR USING TS-850_450_690@...
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> > Have a Good Day,
> > Dick Powers
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> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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Dick

# 3188. Re: [TS-850_450_690] TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-14 21:12:30 UTC
From: Eric
Topic: 3179  Message: 3188

Dick,

Yes they are, but you can find some for sale reasonably low as to new price. They have a bum rap as far as some issues with some non-dsp chips. Just look for serial numbers greater than ~71 million. I bought one of the last new from AES and its serial number was 60xxxxx. But that is because of KW serial numbering due to issue date ie. calendar. I know they are one heck of a radio and it took the other manufacturers awhile to catch up in the dsp field.

Eric

----- Original Message -----
From: "Dick Powers" <powersharp@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, May 14, 2005 4:01 PM
Subject: Re: [TS-850_450_690] TS-850 - DSP-100

> Well Eric;
> Thanks for the comeback. I guess it would have to be a used TS-870 as I
> believe it is a discontinued item.
> 73,
> Dick WB9PWQ
>
> On Sat, 14 May 2005 15:41:13 -0500 "Eric" <kr9w@...> writes:
>> Dick, I uh, I gotta say, uh, I agree with ya! On HF the 706 (new? vs
>> 15 yo
>> KW) is a toy compared to the 850. As far as an 850 w/dsp-100 (which
>> I
>> have), I would recommend buying the KW ts-870 (which I have) if you
>> are
>> after dsp features. Would I sell my 850/dsp-100? No!, but I
>> believe their
>> scarcity is what is driving up the price because the performance is
>> early
>> dsp technology.
>>
>> Eric
>>
>>
>> ----- Original Message -----
>> From: "Richard A Powers" <powersharp@...>
>> To: <TS-850_450_690@yahoogroups.com>
>> Sent: Saturday, May 14, 2005 2:52 PM
>> Subject: Re: [TS-850_450_690] TS-850 - DSP-100
>>

>>
>> > Hi Dave;
>> > I didn't realize they cost that much.
>> > Well, my opinion is the ICOM 706 would never stand up to the
>> Kenwood
>> > TS-850.
>> > (That ought to start a fire!)
>> > But thanks very much for the info - I appreciate it.
>> >
>> > 73, Dick WB9PWQ
>> >
>> > On Sat, 14 May 2005 15:10:00 -0400 "ve3wej" <ve3wej@...>
>> writes:
>> >> honestly, I think I would sooner sell my ts850, and but a new
>> radio
>> >> that has
>> >> dsp in it.......I have seen "dead" dsp100 go for 200-300
>> dollars.
>> >> add that
>> >> to the 700-900 cost of a good used 850 you could buyan ic706
>> with
>> >> the dsp
>> >> optioon and have a radio that is new, not 15+ years old
>> >>
>> >> Dave
>> >> ----- Original Message -----
>> >> From: "Richard A Powers" <powersharp@...>
>> >> To: <ts-850_450_690@yahoogroups.com>
>> >> Sent: Saturday, May 14, 2005 2:58 PM
>> >> Subject: [TS-850_450_690] TS-850 - DSP-100
>> >>
>> >>
>> >> > Does anybody have any opinions about the DSP-100 for the
>> TS-850?
>> >> > SSB, Digital, CW?
>> >> >
>> >> > 73, Dick WB9PWQ
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>> >> > THANKS FOR USING TS-850_450_690@...
>> >> > Yahoo! Groups Links
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# 3189. Re: [TS-850_450_690] TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-14 21:18:18 UTC
From: Dick Powers
Topic: 3179  Message: 3189

Thanks Eric - That will keep me busy for awhile!!
73, Dick WB9PWQ

On Sat, 14 May 2005 15:55:40 -0500 "Eric" <kr9w@...> writes:
> Check this out: www.eham.net/reviews/detail/1677
>
> www.eham.net/articles/10568
>
>
> Eric
>
>
>
>
> ----- Original Message -----
> From: "Dick Powers" <powersharp@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Saturday, May 14, 2005 3:46 PM
> Subject: Re: [TS-850_450_690] TS-850 - DSP-100
>
>
> > Bill;
> > Well, I'm kind of a dumb-dumb at least when it comes to DSP.
> > I hear that the DSP-100 is only effective on Transmit. In SSB mode
> I
> > think.
> > I do have a very limited experience in PACTOR & the Sound Card
> modes & I
> > assumed that is what the DSP-100 is for.
> > Based on that, can you point me to a place where I can find out
> more
> > about this? (Probably the FIRST Question I should have asked!!).
> >
> > 73,
> > Dick WB9PWQ
> >
> > On Sat, 14 May 2005 13:34:59 -0700 (PDT) Bill K0ZL
> <coorsbill@...>
> > writes:
> >> REally raises the value of the 850 and they work
> >> great. Brings IF DSP to the 850. the combo is better
> >> than an 870.
> >>
> >> bill
> >>

> >> --- Richard A Powers <powersharp@...> wrote:
> >> > Does anybody have any opinions about the DSP-100 for
> >> > the TS-850?
> >> > SSB, Digital, CW?
> >> >
> >> > 73, Dick WB9PWQ
> >> >
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> >> When in doubt, MODIFY...
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> >> THANKS FOR USING TS-850_450_690@...
> >> Yahoo! Groups Links
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> > > Dick
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> > > THANKS FOR USING TS-850_450_690@...
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> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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Dick

# 3190. Re: [TS-850_450_690] TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-14 22:38:20 UTC
From: VK4TUX
Topic: 3179  Message: 3190

Yes Dick, Highly recommended, I have 2 (TS850s & dsp-100) setup and use all digital modes.
I recommend using the sm220-sm230 monitor in use with digital modes to optimise the signal.

Adrian

de VK4TUX
----- Original Message -----
From: Richard A Powers
To: ts-850_450_690@yahoogroups.com
Sent: Sunday, May 15, 2005 4:58 AM
Subject: [TS-850_450_690] TS-850 - DSP-100

Does anybody have any opinions about the DSP-100 for the TS-850?
SSB, Digital, CW?

73, Dick WB9PWQ

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 3191. Re: [TS-850_450_690] TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-14 23:19:39 UTC
From: Bill K0ZL
Topic: 3179  Message: 3191

This group is the best source of info that I know
about!

b

--- Dick Powers <powersharp@...> wrote:
> Bill;
> Well, I'm kind of a dumb-dumb at least when it comes
> to DSP.
> I hear that the DSP-100 is only effective on
> Transmit. In SSB mode I
> think.
> I do have a very limited experience in PACTOR & the
> Sound Card modes & I
> assumed that is what the DSP-100 is for.
> Based on that, can you point me to a place where I
> can find out more
> about this? (Probably the FIRST Question I should
> have asked!!).
>

When in doubt, MODIFY...

# 3192. Re: [TS-850_450_690] TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-15 00:13:15 UTC
From: Dick Powers
Topic: 3179  Message: 3192

Adrian;
Thanks for the response.
Are you saying that either the SM-230 or the SM-220 will work on the
TS-850?
My TS-850 manual calls for the SM-230. What is the difference between the
two?
Same thing only the SM-220 is older????

73, Dick WB9PWQ

On Sun, 15 May 2005 08:38:20 +1000 "VK4TUX" <vk4tux@...> writes:
> Yes Dick, Highly recommended, I have 2 (TS850s & dsp-100) setup and
> use all digital modes. I recommend using the sm220-sm230 monitor in
> use with digital modes to optimise the signal.
>
> Adrian
>
> de VK4TUX
> ----- Original Message -----
> From: Richard A Powers
> To: ts-850_450_690@yahoogroups.com
> Sent: Sunday, May 15, 2005 4:58 AM
> Subject: [TS-850_450_690] TS-850 - DSP-100
>
>
> Does anybody have any opinions about the DSP-100 for the TS-850?
> SSB, Digital, CW?
>
> 73, Dick WB9PWQ
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>
> THANKS FOR USING TS-850_450_690@...
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> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com

>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
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> [Non-text portions of this message have been removed]
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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Dick

# 3193. Re: [TS-850_450_690] TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-15 00:55:57 UTC
From: ve3wej
Topic: 3179  Message: 3193

actually lost track.. i would not have bought a 706, maybe 950 sd or ts2000.....Kenwood

I saw one sell for 725 (the dsp unit). are they really worth it for that price???

----- Original Message -----
From: "Richard A Powers" <powersharp@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, May 14, 2005 3:52 PM
Subject: Re: [TS-850_450_690] TS-850 - DSP-100

> Hi Dave;
> I didn't realize they cost that much.
> Well, my opinion is the ICOM 706 would never stand up to the Kenwood
> TS-850.
> (That ought to start a fire!)
> But thanks very much for the info - I appreciate it.
>
> 73, Dick WB9PWQ
>
> On Sat, 14 May 2005 15:10:00 -0400 "ve3wej" <ve3wej@...> writes:
> > honestly, I think I would sooner sell my ts850, and but a new radio
> > that has
> > dsp in it.......I have seen "dead" dsp100 go for 200-300 dollars.
> > add that
> > to the 700-900 cost of a good used 850 you could buyan ic706 with
> > the dsp
> > optioon and have a radio that is new, not 15+ years old
> >
> > Dave
> > ----- Original Message -----
> > From: "Richard A Powers" <powersharp@...>
> > To: <ts-850_450_690@yahoogroups.com>
> > Sent: Saturday, May 14, 2005 2:58 PM
> > Subject: [TS-850_450_690] TS-850 - DSP-100
> >
> >
> > > Does anybody have any opinions about the DSP-100 for the TS-850?
> > > SSB, Digital, CW?
> > >
> > > 73, Dick WB9PWQ
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> > > THANKS FOR USING TS-850_450_690@...
> > > Yahoo! Groups Links

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> > Yahoo! Groups Links
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> Have a Good Day,
> Dick Powers
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3194. Re: [TS-850_450_690] TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-15 00:57:15 UTC
From: VK4TUX
Topic: 3179  Message: 3194

Either work ok to see your waveform. The sm-220 is much kinder on the pocket. Any distortion is quickly detected on the screen.The dsp is ideal for beautifully shaing the shift edge of digital signals improving the copy. In conjunction with a W2IHY and heil goldline the ssb audio is belissimo hihi.

Adrian

de VK4TUX
----- Original Message -----
From: Dick Powers
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, May 15, 2005 10:13 AM
Subject: Re: [TS-850_450_690] TS-850 - DSP-100

Adrian;
Thanks for the response.
Are you saying that either the SM-230 or the SM-220 will work on the
TS-850?
My TS-850 manual calls for the SM-230. What is the difference between the
two?
Same thing only the SM-220 is older????

73, Dick WB9PWQ

On Sun, 15 May 2005 08:38:20 +1000 "VK4TUX" <vk4tux@...> writes:
> Yes Dick, Highly recommended, I have 2 (TS850s & dsp-100) setup and
> use all digital modes. I recommend using the sm220-sm230 monitor in
> use with digital modes to optimise the signal.
>
> Adrian
>
> de VK4TUX
> ----- Original Message -----
> From: Richard A Powers
> To: ts-850_450_690@yahoogroups.com
> Sent: Sunday, May 15, 2005 4:58 AM
> Subject: [TS-850_450_690] TS-850 - DSP-100
>
>
> Does anybody have any opinions about the DSP-100 for the TS-850?
> SSB, Digital, CW?
>
> 73, Dick WB9PWQ
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>
> THANKS FOR USING TS-850_450_690@...

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> Yahoo! Groups Links
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> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service.
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> [Non-text portions of this message have been removed]
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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Dick

THANKS FOR USING TS-850_450_690@...

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Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 3195. Re: TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-15 01:59:41 UTC
From: max_ve3tmt
Topic: 3179  Message: 3195

--- In TS-850_450_690@yahoogroups.com, "ve3wej" <ve3wej@c...> wrote:
> honestly, I think I would sooner sell my ts850, and but a new radio that has
> dsp in it.......I have seen "dead" dsp100 go for 200-300 dollars. add that
> to the 700-900 cost of a good used 850 you could buyan ic706 with the dsp
> optioon and have a radio that is new, not 15+ years old

Even many "newer" radios are hard pressed to come up with the receiver specs of the 850. I have owned the FT920, TS570 and all of the 706 series radios and I can honestly say the 850 blows all of them away. Even the receiver on my 830S is better than most. Too bad the DSP100's are getting as much as they are. Not worth it in my opinion, but the demand drives the prices up. I used an Apex 435 condensor mic into a Behringer PEQ2200 parametric EQ on a previous 850 setup and it sounded very nice. You don'tt need the current crop of radios to get a nice sounding station.

# 3196. Re: [TS-850_450_690] TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-15 14:00:47 UTC
From: Eric
Topic: 3179  Message: 3196

The price on a new 706 has been raised, and the used market price also took a jump. It sounds as though Icom is replacing the 706 with a new model (and number). So it seems Icom is trying to milk all the money they can from the 706 before it's run ends.

__Eric

----- Original Message -----
From: "ve3wej" <ve3wej@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, May 14, 2005 7:55 PM
Subject: Re: [TS-850_450_690] TS-850 - DSP-100

> actually lost track.. i would not have bought a 706, maybe 950 sd or
> ts2000.....Kenwood
>
>
>
> I saw one sell for 725 (the dsp unit). are they really worth it for that
> price???
>
>
> ----- Original Message -----
> From: "Richard A Powers" <powersharp@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Saturday, May 14, 2005 3:52 PM
> Subject: Re: [TS-850_450_690] TS-850 - DSP-100
>
>
>> Hi Dave;
>> I didn't realize they cost that much.
>> Well, my opinion is the ICOM 706 would never stand up to the Kenwood
>> TS-850.
>> (That ought to start a fire!)
>> But thanks very much for the info - I appreciate it.
>>
>> 73, Dick WB9PWQ
>>
>> On Sat, 14 May 2005 15:10:00 -0400 "ve3wej" <ve3wej@...> writes:
>> > honestly, I think I would sooner sell my ts850, and but a new radio
>> > that has
>> > dsp in it.......I have seen "dead" dsp100 go for 200-300 dollars.
>> > add that
>> > to the 700-900 cost of a good used 850 you could buyan ic706 with
>> > the dsp
>> > optioon and have a radio that is new, not 15+ years old

>> >
>> > Dave
>> > ----- Original Message -----
>> > From: "Richard A Powers" <powersharp@...>
>> > To: <ts-850_450_690@yahoogroups.com>
>> > Sent: Saturday, May 14, 2005 2:58 PM
>> > Subject: [TS-850_450_690] TS-850 - DSP-100
>> >
>> >
>> > > Does anybody have any opinions about the DSP-100 for the TS-850?
>> > > SSB, Digital, CW?
>> > >
>> > > 73, Dick WB9PWQ
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>> > > THANKS FOR USING TS-850_450_690@...
>> > > Yahoo! Groups Links
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>> Have a Good Day,
>> Dick Powers
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>> THANKS FOR USING TS-850_450_690@...
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> THANKS FOR USING TS-850_450_690@...
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# 3197. Re: [TS-850_450_690] TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-15 14:14:17 UTC
From: Bill K0ZL
Topic: 3179  Message: 3197

Not in my book! hi...

I have heard 850's sound fantastic on TX without the DSP100, just do the direct balanced mixer feed mod, and use a good bit of audio conditioning going in, ala NU9N, W9AD or W2FLA. Tyler (forget his call) also has a good 850 reference site for audio mods, I think his link is in the LINKS section of the group.

As for AM, the 850 makes fantastic AM with the DSP-100; and also with DBM feed and a bit of audio processing going in. Since it's a toss, I would opt for the audio solution myself. But alas, I prefer AM on my old boatanchor station, and CW on the 850 and the 703... hi!

bill K0ZL
--- ve3wej <ve3wej@...> wrote:
...
> I saw one sell for 725 (the dsp unit). are they
> really worth it for that
> price???
>
>

When in doubt, MODIFY...

# 3198. Re: [TS-850_450_690] Re: TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-15 14:16:37 UTC
From: Bill K0ZL
Topic: 3179  Message: 3198

Thanks Max. Sounds like this is one very good "audio"
solution!

bill

--- max_ve3tmt <max_ve3tmt@...> wrote:
> ... I used an Apex 435
> condensor mic into a
> Behringer PEQ2200 parametric EQ on a previous 850
> setup and it sounded
> very nice. You don'tt need the current crop of
> radios to get a nice
> sounding station.
>

When in doubt, MODIFY...

# 3199. Re: [TS-850_450_690] TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-15 14:19:58 UTC
From: Bill K0ZL
Topic: 3179  Message: 3199

Don't forget, the yen is about 15 percent stronger
this year than last. They only raised prices about 10
percent so Icom and the dealers are eating some of it,
in order to maintain sales.

bill

--- Eric <kr9w@...> wrote:
> The price on a new 706 has been raised, and the used
> market price also took
> a jump. It sounds as though Icom is replacing the
> 706 with a new model (and
> number). So it seems Icom is trying to milk all the
> money they can from the
> 706 before it's run ends.
>
>
> __Eric
>
>
> ----- Original Message -----
> From: "ve3wej" <ve3wej@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Saturday, May 14, 2005 7:55 PM
> Subject: Re: [TS-850_450_690] TS-850 - DSP-100
>
>
> > actually lost track.. i would not have bought a
> 706, maybe 950 sd or
> > ts2000.....Kenwood
> > >
> > >
> > >
> > I saw one sell for 725 (the dsp unit). are they
> really worth it for that
> > price???
> > >
> > >
> > > ----- Original Message -----
> > > From: "Richard A Powers" <powersharp@...>
> > > To: <TS-850_450_690@yahoogroups.com>
> > > Sent: Saturday, May 14, 2005 3:52 PM
> > > Subject: Re: [TS-850_450_690] TS-850 - DSP-100
> > >
> > >

> >> Hi Dave;
> >> I didn't realize they cost that much.
> >> Well, my opinion is the ICOM 706 would never
> stand up to the Kenwood
> >> TS-850.
> >> (That ought to start a fire!)
> >> But thanks very much for the info - I appreciate
> it.
> >>
> >> 73, Dick WB9PWQ
> >>
> >> On Sat, 14 May 2005 15:10:00 -0400 "ve3wej"
> <ve3wej@...> writes:
> >> > honestly, I think I would sooner sell my ts850,
> and but a new radio
> >> > that has
> >> > dsp in it.......I have seen "dead" dsp100 go
> for 200-300 dollars.
> >> > add that
> >> > to the 700-900 cost of a good used 850 you
> could buyan ic706 with
> >> > the dsp
> >> > optioon and have a radio that is new, not 15+
> years old
> >> >
> >> > Dave
> >> > ----- Original Message -----
> >> > From: "Richard A Powers" <powersharp@...>
> >> > To: <ts-850_450_690@yahoogroups.com>
> >> > Sent: Saturday, May 14, 2005 2:58 PM
> >> > Subject: [TS-850_450_690] TS-850 - DSP-100
> >> >
> >> >
> >> > > Does anybody have any opinions about the
> DSP-100 for the TS-850?
> >> > > SSB, Digital, CW?
> >> > >
> >> > > 73, Dick WB9PWQ
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> >> > >
> >> > > THANKS FOR USING
> TS-850_450_690@...
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> >> Have a Good Day,
> >> Dick Powers
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When in doubt, MODIFY...

# 3200. Re: [TS-850_450_690] TS-850 - DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-15 18:18:10 UTC
From: VK4TUX
Topic: 3179  Message: 3200

TS850s/dsp100 HIFI
audio setup
http://www.directheli.com/ka0ka/index.html

Best TS850s-DSP-100 audio link out there. I have used to set mine up well.
Keep the TX filters at 2.7k in busy bands.
The word out there is the IC706 got the price jacked up some to help the new IC7000 upgrade model sell a bit better, Check out eham reviews on this.

Adrian

de VK4TUX

[Non-text portions of this message have been removed]

# 3201. DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-16 02:55:59 UTC
From: rdl014
Topic: 1072  Message: 3201

I have the TS-850 and the DSP-100 and to be honest, I can not tell any difference on receive with the DSP-100 turned on or off. Others can tell a differnce on transmitt when I turn it on or off. I do have two Inrad 2.1 KHz filters in the 455 and 8.83 slots. I read on eHam reviews that with the two Inrad filters, the DSP-100 didn't improve the reception any. I also had an Icom-706MkIIG transceiver and its receiver was horrible. It had no selectivity even with the FL-223 1.9 narrow SSB filter. All you heard were the big guns and QRM. I have a TS-2000 and its receiver doesn't come close to the TS-850. I agree with another poster that said the TS-830 is the only receiver close to the TS-850. Maybe Kenwood should start making the TS-850 again only with IF DSP available this time.

73, Ray AK4RL

# 3202. RE: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-16 04:40:07 UTC
From: Berry Griffin
Topic: 1072  Message: 3202

Try turning off all the internal filters and then use the dsp filters on
the received audio.
See how that works.

# 3203. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-16 09:28:13 UTC
From: VK4TUX
Topic: 1072  Message: 3203

Ray I hear a dramatic difference on mine, A intensity and clarity change very noticeable. The rx switch on these sometimes do not engage properly, try a little drink of wd40 in the mechanism. I may get the opportunity to record a mp3 soundfile sometime, and upload to files to show you the difference on both mine here.

Adrian

de VK4TUX

"I have the TS-850 and the DSP-100 and to be honest, I can not tell any
difference on receive with the DSP-100 turned on or off."

73, Ray AK4RL

[Non-text portions of this message have been removed]

# 3204. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-16 11:27:00 UTC
From: tsmithers@cix.co.uk
Topic: 1072  Message: 3204

Adrian,

Like Ray I don't hear much difference on my 850 either and I have a pair of Inrads fitted as well.

>I hear a dramatic difference on mine,
Do you have any optional filters fitted

>I may get the opportunity to record a mp3 soundfile sometime, and upload to files to show >you the difference on both mine here.
I for one, would be very interested in that when you get the time.

Trevor G0KTN

# 3205. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-16 13:19:11 UTC
From: VK4TUX
Topic: 1072  Message: 3205

"I for one, would be very interested in that when you get the time".
Have recorded and emailed the file to work Steve. I have adsl there and will upload tomorrow. Dial up here at home and with yahoo's changes mean I cannot upload using dial-up even though its under their new 2mb limit.

regards

Adrian

de VK4TUX

"Adrian,

Like Ray I don't hear much difference on my 850 either and I have a pair of Inrads fitted as well."

Do you have any optional filters fitted
Yes 1.8k SSB Kenwood filter

Trevor G0KTN

[Non-text portions of this message have been removed]

# 3206. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-16 14:17:34 UTC
From: KD5SFA
Topic: 1072  Message: 3206

I would not use WD40 as after the volatile compounds "evaporate" there will
be a residue left behind that can gum up the mechanism.

If it is just the mechanical portion of a switch a light oil such as 3 in 1 oil should be great.
If it involes contacts look at the CAIG line of contact cleaners that include a lube.

73,
Jon
KD5SFA

-----Original Message-----
From: VK4TUX <vk4tux@...>
Sent: May 16, 2005 4:28 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] DSP-100

Ray I hear a dramatic difference on mine, A intensity and clarity change very noticeable. The rx switch on these sometimes do not engage properly, try a little drink of wd40 in the mechanism. I may get the opportunity to record a mp3 soundfile sometime, and upload to files to show you the difference on both mine here.

Adrian

de VK4TUX

"I have the TS-850 and the DSP-100 and to be honest, I can not tell any
difference on receive with the DSP-100 turned on or off."

73, Ray AK4RL

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3207. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-16 20:43:59 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 3207

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /dsp-100 rx test1.mp3
Uploaded by : vk4tux <vk4tux@...>
Description : 40m RX dsp-100/TS850s off/on in 10 sec cycles

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/dsp-100%20rx%20test1.mp3

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

vk4tux <vk4tux@...>

# 3208. Re: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-16 20:57:37 UTC
From: vk4tux
Topic: 1072  Message: 3208

I usually use CRC-226 for these jobs, but mentioned WD40 as it is well known of course in the USA. Thats a education re - gumming residues for me. I dont know if CRC-226 has the same properties, but has done the job fine where needed for me sofar.

Adrian

de VK4TUX

--- In TS-850_450_690@yahoogroups.com, KD5SFA <divenut1@s...> wrote:
"> I would not use WD40 as after the volatile compounds "evaporate" there will
> be a residue left behind that can gum up the mechanism."

# 3209. RE: [TS-850_450_690] RE: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-17 12:23:51 UTC
From: Gutierrez, Antonio
Topic: 1072  Message: 3209

Hi All

I have a TS850 and got a Timewave 599+ "plugged" for $75. It goes to the audio output instead of the IF stage, but It works fine and it is a good alternative to the DSP-100. It requires a bit of more operation but in my case it is worth to have. I was worried about RF going into the audio but I get nothing if using proper ground.

Best 73´s
EA4KT

---

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Berry Griffin
Sent: Monday, May 16, 2005 06:40
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] RE: DSP-100

Try turning off all the internal filters and then use the dsp filters on
the received audio.
See how that works.

THANKS FOR USING TS-850_450_690@...

---

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http://groups.yahoo.com/group/TS-850_450_690/

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<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>

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[Non-text portions of this message have been removed]

# 3210. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-17 13:37:53 UTC
From: Bill K0ZL
Topic: 1072  Message: 3210

I think I mentioned this before, but I use a small
hypo-type oiler with Mobil-ONE synthetic motor oil in
it. Seems like it helps re-liquify the lube that is
already in the planetary gearsets on the older rigs,
and does quite well with the metal-on-plastic bushings
of the new encoders. Works fine on steel-on-brass
bushings in the cooling fans too.

bill

--- KD5SFA <divenut1@...> wrote:
> I would not use WD40 as after the volatile compounds
> "evaporate" there will
> be a residue left behind that can gum up the
> mechanism.
>
> If it is just the mechanical portion of a switch a
> light oil such as 3 in 1 oil should be great.
> If it involes contacts look at the CAIG line of
> contact cleaners that include a lube.
>
> 73,
> Jon
> KD5SFA
>
> -----Original Message-----
> From: VK4TUX <vk4tux@...>
> Sent: May 16, 2005 4:28 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] DSP-100
>
> Ray I hear a dramatic difference on mine, A
> intensity and clarity change very noticeable. The rx
> switch on these sometimes do not engage properly,
> try a little drink of wd40 in the mechanism. I may
> get the opportunity to record a mp3 soundfile
> sometime, and upload to files to show you the
> difference on both mine here.
>
> Adrian
>
> de VK4TUX
>
>
>

> "I have the TS-850 and the DSP-100 and to be
> honest, I can not tell any
> difference on receive with the DSP-100 turned on
> or off."
>
> 73, Ray AK4RL
>
>
>
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>
> [Non-text portions of this message have been
> removed]
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>
>

When in doubt, MODIFY...

# 3211. Re: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-18 01:12:08 UTC
From: Richard
Topic: 1072  Message: 3211

Hi

I use a Timewave DSP-599zx with my Kenwood TS-850S and must
say its works great on SSB, and on CW it's almost like a dream.
I know there were times that I would have never been able to work a
DX station without it.

73's Rick
KR4EY

--- In TS-850_450_690@yahoogroups.com, "Gutierrez, Antonio"
<antonio.gutierrez@h...> wrote:
> Hi All
>
> I have a TS850 and got a Timewave 599+ "plugged" for $75. It goes
to the audio output instead of the IF stage, but It works fine and
it is a good alternative to the DSP-100. It requires a bit of more
operation but in my case it is worth to have. I was worried about RF
going into the audio but I get nothing if using proper ground.
>
> Best 73´s
> EA4KT
>
> ---------------------------------
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
850_450_690@yahoogroups.com] On Behalf Of Berry Griffin
> Sent: Monday, May 16, 2005 06:40
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] RE: DSP-100
>
>
> Try turning off all the internal filters and then use the dsp
filters on
> the received audio.
> See how that works.
>
>
>
>
> THANKS FOR USING TS-850_450_690@Y...
>
>
>
> ---------------------------------
>

> Yahoo! Groups Links
>
>
> * To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
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850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
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>
>
>
>
> [Non-text portions of this message have been removed]

# 3212. Re: [TS-850_450_690] Re: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-18 05:38:36 UTC
From: Leon
Topic: 1072  Message: 3212

Hi
I have a ts850 with an MFJ-784b and it's great in ssb and digital modes. For tx I'm using an ACORD microphone with GEB-7 graphic equalizer (for GUITAR) and all over the world I receive compliments. The cost for both is half than a dsp-100
happy DX

IZØEHO Andrea
www.iz0eho.com

----- Original Message -----
From: Richard
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, May 18, 2005 3:12 AM
Subject: [TS-850_450_690] Re: DSP-100

Hi

I use a Timewave DSP-599zx with my Kenwood TS-850S and must
say its works great on SSB, and on CW it's almost like a dream.
I know there were times that I would have never been able to work a
DX station without it.

73's Rick
KR4EY

--- In TS-850_450_690@yahoogroups.com, "Gutierrez, Antonio"
<antonio.gutierrez@h...> wrote:
> Hi All
>
> I have a TS850 and got a Timewave 599+ "plugged" for $75. It goes
to the audio output instead of the IF stage, but It works fine and
it is a good alternative to the DSP-100. It requires a bit of more
operation but in my case it is worth to have. I was worried about RF
going into the audio but I get nothing if using proper ground.
>
> Best 73´s
> EA4KT
>
> _____
>
> From: TS-850_450_690@yahoogroups.com [mailto:TS-
850_450_690@yahoogroups.com] On Behalf Of Berry Griffin
> Sent: Monday, May 16, 2005 06:40
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] RE: DSP-100
>

>
> Try turning off all the internal filters and then use the dsp
filters on
> the received audio.
> See how that works.
>
>
>
>
> THANKS FOR USING TS-850_450_690@Y...
>
>
>
> ________________________________
>
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>
>
>
> [Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

# 3213. Parts source like Pacific Coast Parts

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-18 15:55:52 UTC
From: k6htm
Topic: 3213  Message: 3213

www.partstore.com/ 33 pages for the TS-850 include case parts, knobs, small parts, cables, units and filters as well as a mod kit for the DRU-2. -- Charlie K6HTM

# 3214. Re: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-21 19:54:50 UTC
From: Peter
Topic: 1072  Message: 3214

We made tests with an A/B switch between a TS-850 and a TS-2000 but could not here big differences. Would be interesting to here from you what exactly you did here.

73, Peter

--- In TS-850_450_690@yahoogroups.com, "rdl014" <rdl014@c...> wrote:
> I have the TS-850 and the DSP-100 and to be honest, I can not tell any
> difference on receive with the DSP-100 turned on or off. Others can
> tell a differnce on transmitt when I turn it on or off. I do have two
> Inrad 2.1 KHz filters in the 455 and 8.83 slots. I read on eHam
> reviews that with the two Inrad filters, the DSP-100 didn't improve
> the reception any. I also had an Icom-706MkIIG transceiver and its
> receiver was horrible. It had no selectivity even with the FL-223 1.9
> narrow SSB filter. All you heard were the big guns and QRM. I have a
> TS-2000 and its receiver doesn't come close to the TS-850. I agree
> with another poster that said the TS-830 is the only receiver close to
> the TS-850. Maybe Kenwood should start making the TS-850 again only
> with IF DSP available this time.
>
> 73, Ray AK4RL

# 3215. DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-22 18:01:22 UTC
From: rdl014
Topic: 1072  Message: 3215

I compared the TS-850/DSP-100 with the TS-2000 by tuning to the same frequency and switching back and forth between the two transceivers. The TS-850 could "hear" stations that the TS-2000 did not and the overall signal strenth to noise was much better with the TS-850. I tried this on all the amateur bands and the TS-850 is better. TS-2000 has greater frequency coverage and is my satellite transceiver now. If I by-pass the two Inrad filters, I can tell a big difference when I turn on the DSP-100. With the two filters selected, the DSP doesn't help with receive, only with transmitted signal. I hope this clarifies my other post.

73, Ray AK4RL

# 3216. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-23 12:08:35 UTC
From: Bruno Beckers
Topic: 1072  Message: 3216

Hi Ray,

I have a TS850SAT, a TS570sg and a TS930s.
When I compare these three on pure sensitivity, the 570 beats the 850 on all bands. The 930 comes third. Especially on CW, you sometimes can read stations on the 570 (especially with the N.R.2 DSP filter activated) which are barely hearable on the 850.
Concerning receiver noise, the 930s is by far the quietest, followed by the 570. The 850 has the noisiest receiver. The 930s receiver is really amazing on this subject compared with the two others. In fact the 850 is so noisy it becomes irritating and fatiguing to listen to.
Fortunately the 850 has other qualities where it beats the two others (selectivity - IMD)

On 5/22/05, rdl014 <rdl014@...> wrote:
> I compared the TS-850/DSP-100 with the TS-2000 by tuning to the same
> frequency and switching back and forth between the two transceivers.
> The TS-850 could "hear" stations that the TS-2000 did not and the
> overall signal strenth to noise was much better with the TS-850. I
> tried this on all the amateur bands and the TS-850 is better. TS-2000
> has greater frequency coverage and is my satellite transceiver now.
> If I by-pass the two Inrad filters, I can tell a big difference when I
> turn on the DSP-100. With the two filters selected, the DSP doesn't
> help with receive, only with transmitted signal. I hope this clarifies
> my other post.
>
> 73, Ray AK4RL
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
> _____
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# 3217. Re: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-23 12:22:46 UTC
From: max_ve3tmt
Topic: 1072  Message: 3217

--- In TS-850_450_690@yahoogroups.com, Bruno Beckers
<bruno.beckers@g...> wrote:

The 850 has the noisiest receiver.

Receiver tests performed by all the major reviewers would tend to say the opposite. I have never owned a TS930, but I have had two TS570's and a FT-920 and am now the owner of my fourth TS850S. The receivers in my 570's didn't even come close to the 850's receiver. About the only thing I have found to perform as well is my TS-830S. Maybe you have a secret version of the 570. I quickly sold mine because I found the audio DSP to be very bad.

# 3218. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-23 13:28:54 UTC
From: Ron Meiring
Topic: 1072  Message: 3218

What makes a receiver quiet ?

No big secret to tell here ... just reduce the amount of frontend
gain.
You want a quiet receiver ? Turn on the AIP. Want even more ?
Turn on the 18dB attenuator.

Well the question is how much frontend gain do we really need ?

At the time when the TS850 was produced manufacturers where fighting
each other with specs. Kenwood decided to beat them with the 850.
What they did was give the radio 10db more front end gain then their
compatitors. ( the extra 10 dB was not needed but more about that one
later)
It is easy to make a receiver more sensitive because we all know that
the sensitivity of a receiver is 99% the noise figure of the preamp.

So if it is that easy any one can make a senitive radio . ? Yes,
but.there is more than just sentivity ......Is it that easy.
Because as soon as you add more frontend gain to a radio the strong
signal behaviour becomes bad.
Strong signals and an overloaded receiver... bad ....
Aha got the picture, we also need to look at stong signal behaviour ?

If you the trade off between sensitivity and strong signal behaviour
than you realise how good the TS850 is. They have created a receiver
which is more sensitve than the latest and most expensive
Icom/Kenwood/Yeasu with an state of the art strong signal front end.

Now an other question comes up.....

How much frontend gain or sensitivity do I need to listen on the HF
bands ?
Well this should be fairly easy to answer.
Connect your antenna to your radio. As long as you hear an increase
of the noise level, your radio is sensitive enough.

OK but this is scairy, with the AIP on and the 12dB attennuator there
is still significant increase in the noise.

Yep that is correct. The radio is basicly too sensitive for what we
need. Perhaps if you have an super yagi you and you life in the
country you might get some use out of it, but no it could be less.

This is basicly why Kenwood decided to reduce the frontend gain for
all models after the 850.

So I think it is good operating practice to add as much atennuation
to the antenna so that there is still an significant increase in the
noise level.

I usally have the AIP on and the 6dB ATT.
No need to say, that the TS850 is now the quitest receiver you will
ever experience.

What do you do when you hear a weak signal ??
Turn up the volume, gives the same effect as adding more frontend
gain. However with adding more frontend gain you could get more
intermodulation problems and related noise *.
*= only in Areas with strong signals.

If you are still reading ... here is my opinion on DSP.
It sucks for weak signals, I have never pulled signals out of the
noise when I really needed it.
Yes I have pulled signals out of the noise, but I was able to copy
them without DSP anyway.
OK I admit this is only for wide band transmissions such as SSB.
For narrowband transmissions such as CW. DSP is fine.

But If you decide to buy a rig with DSP buy one without an IF DSP.
I think an LF DSP is probably a good trade off.
The reason behind that is that the DSP proscessor is always to slow
to get rid of the Noise pulses. An analog NB circuit is supperior.
Some thing are better in Analog, some things are better in digital
techniques.

I have had a few radios with an DSP IF such as the Icom 756PROII and
the NB is bad. Since power lines produce a lot of noise here, I
really need a rig with an exellent NB.

Ok enough about the 850, I am sure there are other good radios
on the market. I am just a happy chappy with the 850.

On CW I use the DSP in my PC. A simple programm and your soundcard
will do the trick for you. No need to buy an new expensive rig with
worse specs. It will save you money. I am sure you will find an other
purpose for it.

73 Ron VK4KDD and VK6KDD

On Mon, 23 May 2005 14:08:35 +0200, Bruno Beckers wrote:
>Hi Ray,
>
>I have a TS850SAT, a TS570sg and a TS930s.
>When I compare these three on pure sensitivity, the 570 beats the
850
>on all bands. The 930 comes third. Especially on CW, you sometimes
>can
>read stations on the 570 (especially with the N.R.2 DSP filter
>activated) which are barely hearable on the 850.

>Concerning receiver noise, the 930s is by far the quietest, followed
>by the 570. The 850 has the noisiest receiver. The 930s receiver is
>really amazing on this subject compared with the two others. In fact
>the 850 is so noisy it becomes irritating and fatiguing to listen
to.
>Fortunately the 850 has other qualities where it beats the two
others
>(selectivity - IMD)
>
>On 5/22/05, rdl014 <rdl014@...> wrote:
>>I compared the TS-850/DSP-100 with the TS-2000 by tuning to the
>>same
>>frequency and switching back and forth between the two
>>transceivers.
>>The TS-850 could "hear" stations that the TS-2000 did not and the
>>overall signal strenth to noise was much better with the TS-850. I
>>tried this on all the amateur bands and the TS-850 is better. TS-
>>2000
>>has greater frequency coverage and is my satellite transceiver
now.
>>
>>If I by-pass the two Inrad filters, I can tell a big difference
>>when I
>>turn on the DSP-100. With the two filters selected, the DSP
>>doesn't
>>help with receive, only with transmitted signal. I hope this
>>clarifies
>>my other post.
>>
>>73, Ray AK4RL
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# 3219. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-23 13:51:27 UTC
From: Bill K0ZL
Topic: 1072  Message: 3219

I run the 850 with the dual Kenwood 500 hz filters and AIP ON (preamp off) most of the time. This makes for a very quiet receiver, and I can hear everything that any other rig can hear. The only rig that beat the 850 in this regard is an FT-1000D that was loaded with filters.

bill

--- Bruno Beckers <bruno.beckers@...> wrote:
> Hi Ray,
>
> I have a TS850SAT, a TS570sg and a TS930s.
> When I compare these three on pure sensitivity, the
> 570 beats the 850
> on all bands. The 930 comes third. Especially on CW,
> you sometimes can
> read stations on the 570 (especially with the N.R.2
> DSP filter
> activated) which are barely hearable on the 850.
> Concerning receiver noise, the 930s is by far the
> quietest, followed
> by the 570. The 850 has the noisiest receiver. The
> 930s receiver is
> really amazing on this subject compared with the two
> others. In fact
> the 850 is so noisy it becomes irritating and
> fatiguing to listen to.
> Fortunately the 850 has other qualities where it
> beats the two others
> (selectivity - IMD)
>
> On 5/22/05, rdl014 <rdl014@...> wrote:
> > I compared the TS-850/DSP-100 with the TS-2000 by
> tuning to the same
> > frequency and switching back and forth between the
> two transceivers.
> > The TS-850 could "hear" stations that the TS-2000
> did not and the
> > overall signal strenth to noise was much better
> with the TS-850. I
> > tried this on all the amateur bands and the TS-850
> is better. TS-2000
> > has greater frequency coverage and is my satellite
> transceiver now.

> > If I by-pass the two Inrad filters, I can tell a
> big difference when I
> > turn on the DSP-100. With the two filters
> selected, the DSP doesn't
> > help with receive, only with transmitted signal. I
> hope this clarifies
> > my other post.
> >
> > 73, Ray AK4RL
> >
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> >
> >
> > THANKS FOR USING TS-850_450_690@...
> >
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When in doubt, MODIFY...

# 3220. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-23 16:52:58 UTC
From: KD5NWA
Topic: 1072  Message: 3220

Just curious, what PC DSP software do you use. DSP's are a very
interesting subject to me

At 08:28 AM 5/23/2005, Ron Meiring wrote:
>What makes a receiver quiet ?
>
>No big secret to tell here ... just reduce the amount of frontend
>gain.
>You want a quiet receiver ? Turn on the AIP. Want even more ?
>Turn on the 18dB attenuator.
>
>Well the question is how much frontend gain do we really need ?
>
>At the time when the TS850 was produced manufacturers where fighting
>each other with specs. Kenwood decided to beat them with the 850.
>What they did was give the radio 10db more front end gain then their
>compatitors. ( the extra 10 dB was not needed but more about that one
>later)
>It is easy to make a receiver more sensitive because we all know that
>the sensitivity of a receiver is 99% the noise figure of the preamp.
>
>So if it is that easy any one can make a senitive radio . ? Yes,
>but.there is more than just sentivity ......Is it that easy.
>Because as soon as you add more frontend gain to a radio the strong
>signal behaviour becomes bad.
>Strong signals and an overloaded receiver... bad ....
>Aha got the picture, we also need to look at stong signal behaviour ?
>
>If you the trade off between sensitivity and strong signal behaviour
>than you realise how good the TS850 is. They have created a receiver
>which is more sensitve than the latest and most expensive
>Icom/Kenwood/Yeasu with an state of the art strong signal front end.
>
>Now an other question comes up.....
>
>How much frontend gain or sensitivity do I need to listen on the HF
>bands ?
>Well this should be fairly easy to answer.
>Connect your antenna to your radio. As long as you hear an increase
>of the noise level, your radio is sensitive enough.
>
>OK but this is scairy, with the AIP on and the 12dB attennuator there
>is still significant increase in the noise.
>
>Yep that is correct. The radio is basicly too sensitive for what we

>need. Perhaps if you have an super yagi you and you life in the
>country you might get some use out of it, but no it could be less.
>
>This is basicly why Kenwood decided to reduce the frontend gain for
>all models after the 850.
>
>So I think it is good operating practice to add as much atennuation
>to the antenna so that there is still an significant increase in the
>noise level.
>
>I usally have the AIP on and the 6dB ATT.
>No need to say, that the TS850 is now the quitest receiver you will
>ever experience.
>
>What do you do when you hear a weak signal ??
>Turn up the volume, gives the same effect as adding more frontend
>gain. However with adding more frontend gain you could get more
>intermodulation problems and related noise *.
>*= only in Areas with strong signals.
>
>If you are still reading ... here is my opinion on DSP.
>It sucks for weak signals, I have never pulled signals out of the
>noise when I really needed it.
>Yes I have pulled signals out of the noise, but I was able to copy
>them without DSP anyway.
>OK I admit this is only for wide band transmissions such as SSB.
>For narrowband transmissions such as CW. DSP is fine.
>
>But If you decide to buy a rig with DSP buy one without an IF DSP.
>I think an LF DSP is probably a good trade off.
>The reason behind that is that the DSP proscessor is always to slow
>to get rid of the Noise pulses. An analog NB circuit is supperior.
>Some thing are better in Analog, some things are better in digital
>techniques.
>
>I have had a few radios with an DSP IF such as the Icom 756PROII and
>the NB is bad. Since power lines produce a lot of noise here, I
>really need a rig with an exellent NB.
>
>Ok enough about the 850, I am sure there are other good radios
>on the market. I am just a happy chappy with the 850.
>
>On CW I use the DSP in my PC. A simple programm and your soundcard
>will do the trick for you. No need to buy an new expensive rig with
>worse specs. It will save you money. I am sure you will find an other
>purpose for it.
>
>73 Ron VK4KDD and VK6KDD

Cecil Bayona
KD5NWA

# 3221. Re: [TS-850_450_690] Re: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-23 17:24:37 UTC
From: Bruno
Topic: 1072  Message: 3221

Hi Max,

No secret 570 here.
The only thing is, I did not HAD a 570 and I did not HAD a 930. I have them now, all at the same time and for several years. That makes it a bit easier to compare.
Read the Eham reviews and you will see there are quite a few reports on a noisy receiver.
The audio DSP of the 570 is better than that of the TS850, that's for sure.
I'm not a DSP fan, but if it works, it works and it does on CW for the 570. I don't know of a single AF DSP that does something useful on SSB though. Not a Timewave, not the 570 DSP, so if you bought the 570 because of it's dsp, you made a mistake there...

----- Original Message -----
From: max_ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Monday, May 23, 2005 2:22 PM
Subject: [TS-850_450_690] Re: DSP-100

--- In TS-850_450_690@yahoogroups.com, Bruno Beckers
<bruno.beckers@g...> wrote:

The 850 has the noisiest receiver.

Receiver tests performed by all the major reviewers would tend to say
the opposite. I have never owned a TS930, but I have had two TS570's
and a FT-920 and am now the owner of my fourth TS850S. The receivers
in my 570's didn't even come close to the 850's receiver. About the
only thing I have found to perform as well is my TS-830S. Maybe you
have a secret version of the 570. I quickly sold mine because I found
the audio DSP to be very bad.

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 3222. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-23 21:02:17 UTC
From: Ron Meiring
Topic: 1072  Message: 3222

I am using the DSP software from JE3HHT DSP filter version 1.11
I find it very usefull with CW.

http://mmhamsoft.ham-radio.ch/dsp/

There is an other package on the market but this one works the best.

Cheers,

73 Ron
VK4KDD/VK6KDD

On Mon, 23 May 2005 11:52:58 -0500, KD5NWA wrote:
>Just curious, what PC DSP software do you use. DSP's are a very
>interesting subject to me
>
>At 08:28 AM 5/23/2005, Ron Meiring wrote:
>>What makes a receiver quiet ?
>>
>>No big secret to tell here ... just reduce the amount of frontend
>>gain.
>>You want a quiet receiver ? Turn on the AIP. Want even more ?
>>Turn on the 18dB attenuator.
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>>each other with specs. Kenwood decided to beat them with the 850.
>>What they did was give the radio 10db more front end gain then
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>>compatitors. ( the extra 10 dB was not needed but more about that
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>>later)
>>It is easy to make a receiver more sensitive because we all know
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>>the sensitivity of a receiver is 99% the noise figure of the
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>>but.there is more than just sentivity ......Is it that easy.
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>>Icom/Kenwood/Yeasu with an state of the art strong signal front
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>>bands ?
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>>Connect your antenna to your radio. As long as you hear an increase
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>>is still significant increase in the noise.
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>>will do the trick for you. No need to buy an new expensive rig with
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>>purpose for it.
>>
>>73 Ron VK4KDD and VK6KDD
>
>Cecil Bayona
>KD5NWA
>
>
>
>THANKS FOR USING TS-850_450_690@...
>
>
>Yahoo! Groups Links
>
>To visit your group on the web, go to:
>http://groups.yahoo.com/group/TS-850_450_690/
>
>To unsubscribe from this group, send an email to:
>TS-850_450_690-unsubscribe@yahoogroups.com
>
>Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>

# 3223. Re: [TS-850_450_690] Re: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-23 21:39:58 UTC
From: KD5NWA
Topic: 1072  Message: 3223

I like playing with DSP's and I have a collection of differing models, and guess what? The Timewave's are at the bottom of the heap. The higher end models do OK on CW but are useless on SSB, After buying them I felt cheated and a old NIR-12 runs rings around them, on SSB the sound is clean and the noise is gone.

One mans opinion, save your money don't bother with a Timewave filter, they are way overrated.

I have a TS-930, a TS-940, and a TS-830, the TS-830 is the quietest of the whole lot.

At 12:24 PM 5/23/2005, Bruno wrote:
>Hi Max,
>
>No secret 570 here.
>The only thing is, I did not HAD a 570 and I did not HAD a 930. I have
>them now, all at the same time and for several years. That makes it a bit
>easier to compare.
>Read the Eham reviews and you will see there are quite a few reports on a
>noisy receiver.
>The audio DSP of the 570 is better than that of the TS850, that's for sure.
>I'm not a DSP fan, but if it works, it works and it does on CW for the
>570. I don't know of a single AF DSP that does something useful on SSB
>though. Not a Timewave, not the 570 DSP, so if you bought the 570 because
>of it's dsp, you made a mistake there...
>
> ----- Original Message -----
> From: max_ve3tmt
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, May 23, 2005 2:22 PM
> Subject: [TS-850_450_690] Re: DSP-100
>
>
> --- In TS-850_450_690@yahoogroups.com, Bruno Beckers
> <bruno.beckers@g...> wrote:
>
> The 850 has the noisiest receiver.
>
> Receiver tests performed by all the major reviewers would tend to say
> the opposite. I have never owned a TS930, but I have had two TS570's
> and a FT-920 and am now the owner of my fourth TS850S. The receivers
> in my 570's didn't even come close to the 850's receiver. About the
> only thing I have found to perform as well is my TS-830S. Maybe you
> have a secret version of the 570. I quickly sold mine because I found
> the audio DSP to be very bad.

>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
>---------------------------------------------------------------------------
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>
>[Non-text portions of this message have been removed]
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>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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>
>--
>No virus found in this incoming message.
>Checked by AVG Anti-Virus.
>Version: 7.0.322 / Virus Database: 266.11.15 - Release Date: 5/22/2005

Cecil Bayona
KD5NWA

# 3224. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-23 22:25:10 UTC
From: KD5NWA
Topic: 1072  Message: 3224

Thanks for the response, I have his software and I play with it once in a while. I will be using it more in the future.

I purchased a DSP board with audio in/out ports and will be using it to design my own filters, his software will be of help in comparing to the DSP board and tweaking filter coefficients.

I have several Kenwood radios that I run to a Behringer mixer UB1002 with it's output to a DSP filter which drives the speaker/headphones. This setup also allows recording of audio from any receiver.

I like the arrangement, I don't have to switch cables from radio to radio.

At 04:02 PM 5/23/2005, you wrote:
>I am using the DSP software from JE3HHT DSP filter version 1.11
>I find it very usefull with CW.
>
>http://mmhamsoft.ham-radio.ch/dsp/
>
>There is an other package on the market but this one works the best.
>
>Cheers,
>
>73 Ron
>VK4KDD/VK6KDD
>
>On Mon, 23 May 2005 11:52:58 -0500, KD5NWA wrote:
> >Just curious, what PC DSP software do you use. DSP's are a very
> >interesting subject to me
> > >

Cecil Bayona
KD5NWA

# 3225. Re: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-24 00:43:15 UTC
From: max_ve3tmt
Topic: 1072  Message: 3225

--- In TS-850_450_690@yahoogroups.com, "rdl014" <rdl014@c...> wrote:
> I have the TS-850 and the DSP-100 and to be honest, I can not tell any
> difference on receive with the DSP-100 turned on or off.

Ray,

Do you have the menu settings in the 850 set to tell it to use the
DSP100? If you don't route the IF signal out to the DSP100 you won't
hear any difference.

Max

# 3226. TS-450S for this Newbie - Serial Number, Issues Comment ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-24 02:07:11 UTC
From: ve9xyz
Topic: 3226  Message: 3226

looking at a used TS-450S with Serial Number 30300519 that seems in very good shape.

Can you tell me:

(1) What is the likely date of manufacture of this rig? I'm hoping to avoid an early production unit that may have some inherent weaknesses...

I've seen postings in this NG about 1st digit - 2 = year etc but I don't know if this pertains to the 450 or which years to avoid, if any.

(2) What are likely problems that this radio has experienced over the years that I should watch out for? The battery has been replaced once, and owner says everything functions OK Says all keypads work OK Non-=smoker, clean, no scratches etc.

(3) What is a TS-450SAT worth these days (does not include mike, speaker or power supply as the current owner has upgraded...

Glad to have fornd this NG - sounds as if I'm going to need a few experienced owners soon.

73 Kevin VE9XYZ

# 3227. Re: [TS-850_450_690] Re: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-24 03:44:44 UTC
From: Eric
Topic: 1072  Message: 3227

Please post or direct where these settings are for those that want to be
sure they are on the correct path. TNX

kr9w,
Eric

----- Original Message -----
From: "max_ve3tmt" <max_ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, May 23, 2005 7:43 PM
Subject: [TS-850_450_690] Re: DSP-100

> --- In TS-850_450_690@yahoogroups.com, "rdl014" <rdl014@c...> wrote:
>> I have the TS-850 and the DSP-100 and to be honest, I can not tell any
>> difference on receive with the DSP-100 turned on or off.
>
> Ray,
>
> Do you have the menu settings in the 850 set to tell it to use the
> DSP100? If you don't route the IF signal out to the DSP100 you won't
> hear any difference.
>
> Max
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>
>

# 3230. Re: [TS-850_450_690] Re: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-24 12:08:58 UTC
From: VK4TUX
Topic: 1072  Message: 3230

No Max, Certainly not upset m8, just enthusiastic in my reply :). Don't take me the wrong way hihi. When a aussie gets upset, you will know lol. Anyhow you said "menu settings in the 850" but here we are talking adjustment mode menu for "Forced ON/OFF for receiving DSP carrier"(Menu 05) and "Forced ON/OFF for receiving DSP carrier" (Menu 06). These items are things the average owner would not be aware of and are not mentioned in the user manual, and I guess that was my point, just as not to confuse the average user. Hey no need for apologies and the like. Technically you had a point, but the average owner with a user manual probably would have been saying "where is that in my book"? if you see what I mean Max. Sorry you took me the wrong way, I was having a bit of fun there too :).

Adrian

de VK4TUX
----- Original Message -----
From: max_ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, May 24, 2005 9:21 PM
Subject: [TS-850_450_690] Re: DSP-100

--- In TS-850_450_690@yahoogroups.com, "VK4TUX" <vk4tux@a...> wrote:
> ??? I've heard everything now, since when Max??? Its plug and play
pal. The only menu to worry about is the advance menu 1 TX filter
on/off, but only if you want that TX ability on the TS850s filters.
The dsp works anyway once its plugged in. the front TX/RX on/off
buttons on the dsp-100. then control wether its in or out.

Did I upset you in some way Adrian? I was simply trying to help
someone out. I thought according to the Service Manual, page 35, the
menu settings on [power on + F.LOCK] menu settings #5 and #6 enable
the DSP100 unit. If I am wrong, my apologies to the group. But really,
no need to freak out is there??

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 3231. Re: [TS-850_450_690] TS-450S for this Newbie - Serial Number, Issues Comment ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-24 14:01:49 UTC
From: Frederick Van Veen
Topic: 3226  Message: 3231

My 450 is easily the best rig I've ever owned. I bought it on eBay
for about $650, which included cross-country shipping, two mikes
(including MC-85), and a full set of filters (but no power supply).
It has operated flawlessly for two years. I did take the preventive
step of moving the battery to a more accessible location, but the
battery itself was in fine shape. If you can get a clean 450 for
about 500 bucks, I'd grab it.
Fred, W1NYL
On May 23, 2005, at 10:07 PM, ve9xyz wrote:

> looking at a used TS-450S with Serial Number 30300519 that seems in
> very
> good shape.
>
> Can you tell me:
>
> (1) What is the likely date of manufacture of this rig? I'm hoping to
> avoid an early production unit that may have some inherent
> weaknesses...
>
> I've seen postings in this NG about 1st digit - 2 = year etc but I
> don't know if this pertains to the 450 or which years to avoid, if
> any.
>
> (2) What are likely problems that this radio has experienced over the
> years that I should watch out for? The battery has been replaced
> once,
> and owner says everything functions OK Says all keypads work OK Non-
> =smoker, clean, no scratches etc.
>
> (3) What is a TS-450SAT worth these days (does not include mike,
> speaker or power supply as the current owner has upgraded...
>
> Glad to have fornd this NG - sounds as if I'm going to need a few
> experienced owners soon.
>
> 73 Kevin VE9XYZ
>
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3232. Re: [TS-850_450_690] TS-450S for this Newbie - Serial Number, Issues Comment ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-24 14:41:21 UTC
From: n7ioh
Topic: 3226  Message: 3232

Hi Kevin, the radio was made in 1991, I believe it was the first year of production for this model. I have the TS-690S that was made in 92 which is the same radio but with 6 Meters and I have had no problems. One important thing to look for is memory battery leakage. The battery is located in the front of the radio top left side behind the display. If the battery has not been replaced it may have leaked and could have caused damage to the circuit board that it is attached to. The TS-450/690's are very good radios. How much is the seller asking for the radio? If it is too much you may want to look at the Icom IC-718. This is also an excellent radio and you can buy one new with DSP for $500 now from Giga Parts. This price is good until June 30th. They also have a 60 day lay-a-way that is nice. I hope this helps.

Al, N7IOH

ve9xyz wrote:

>looking at a used TS-450S with Serial Number 30300519 that seems in very
>good shape.
>
>Can you tell me:
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>(1) What is the likely date of manufacture of this rig? I'm hoping to
>avoid an early production unit that may have some inherent weaknesses...
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>I've seen postings in this NG about 1st digit - 2 = year etc but I
>don't know if this pertains to the 450 or which years to avoid, if any.
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>Glad to have fornd this NG - sounds as if I'm going to need a few
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>73 Kevin VE9XYZ
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>THANKS FOR USING TS-850_450_690@...
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# 3233. Re: [TS-850_450_690] TS-450S for this Newbie - Serial Number, Issues Comment ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-24 14:55:23 UTC
From: n7ioh
Topic: 3226  Message: 3233

Correction, the Giga Parts sale price is good until May 26th, then
it goes up to $550 . That price is good until the end of June.

Al, N7IOH

n7ioh wrote:

> Hi Kevin, the radio was made in 1991, I believe it was the first
>year of production for this model. I have the TS-690S that was made in
>92 which is the same radio but with 6 Meters and I have had no
>problems. One important thing to look for is memory battery leakage.
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>30th. They also have a 60 day lay-a-way that is nice. I hope this helps.
>
> Al, N7IOH
>
>
>ve9xyz wrote:
>
>
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>>(2) What are likely problems that this radio has experienced over the
>>years that I should watch out for? The battery has been replaced once,
>>and owner says everything functions OK Says all keypads work OK Non-
>>=smoker, clean, no scratches etc.
>>
>>(3) What is a TS-450SAT worth these days (does not include mike,

>>speaker or power supply as the current owner has upgraded...
>>
>>Glad to have fornd this NG - sounds as if I'm going to need a few
>>experienced owners soon.
>>
>>73 Kevin VE9XYZ
>>
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>>
>>
>>THANKS FOR USING TS-850_450_690@...
>>Yahoo! Groups Links
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3234. Re: [TS-850_450_690] TS-450S for this Newbie - Serial Number, Issues Comment ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-24 18:54:24 UTC
From: Bill K0ZL
Topic: 3226  Message: 3234

Don't worry about serial numbers! Far too much time is spent on this subject.

Most importantly is that the rig is operating properly on all bands, without distortion and with full power output. If it's from a non-smoking environment, that's a very big plus.

Cosmetically it should be an 8 or 9; you are going to spend a lot of time looking at it, and someone else's scratches are not desirable unless the price is VERY right.

As for pricing, all depends on the filters installed, the history of the rig, accessories included, etc, as well as desperation of the seller, desperation of the buyer, and so forth.

Expect to pay from $450.00 to 700.00, depending on the factors I just mentioned.

73,

bill K0ZL

--- ve9xyz <myfamilydotcom@...> wrote:
> looking at a used TS-450S with Serial Number
> 30300519 that seems in very
> good shape.
>
> Can you tell me:
>
> (1) What is the likely date of manufacture of this
> rig? I'm hoping to
> avoid an early production unit that may have some
> inherent weaknesses...
>
> I've seen postings in this NG about 1st digit - 2 =
> year etc but I
> don't know if this pertains to the 450 or which
> years to avoid, if any.
>
> (2) What are likely problems that this radio has
> experienced over the
> years that I should watch out for? The battery has

> been replaced once,
> and owner says everything functions OK Says all
> keypads work OK Non-
> =smoker, clean, no scratches etc.
>
> (3) What is a TS-450SAT worth these days (does not
> include mike,
> speaker or power supply as the current owner has
> upgraded...
>
> Glad to have fornd this NG - sounds as if I'm going
> to need a few
> experienced owners soon.
>
> 73 Kevin VE9XYZ
>
>
>

When in doubt, MODIFY...

# 3235. Re: [TS-850_450_690] Re: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-24 19:04:34 UTC
From: Bill K0ZL
Topic: 1072  Message: 3235

Remember, everyone, that we are missing that all important BODY LANGUAGE (more exactly, FACE TIME) in email and of course you can't hear the laugh in someone's voice as they respond, hence the occasional misunderstanding.

Thanks to all who have been contributing to this very interesting subject, by the way.

73,

Bill K0ZL

--- ...wrote:
> No Max, Certainly not upset m8, just enthusiastic in
> my reply :). Don't take me the wrong way hihi. When
> a aussie gets upset, you will know lol.

When in doubt, MODIFY...

# 3236. Re: [TS-850_450_690] TS-450S for this Newbie - Serial Number, Issues Comment ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-24 19:08:08 UTC
From: Bill K0ZL
Topic: 3226  Message: 3236

Had 450 here, great rig, sorry I sold it! Wanted a 703
worse... happy with that now too.
b

--- Frederick Van Veen <fred.grb@...> wrote:
> My 450 is easily the best rig I've ever owned. I
> bought it on eBay
> for about $650, which included cross-country
> shipping, two mikes
> (including MC-85), and a full set of filters (but no
> power supply).
> It has operated flawlessly for two years. I did take
> the preventive
> step of moving the battery to a more accessible
> location, but the
> battery itself was in fine shape. If you can get a
> clean 450 for
> about 500 bucks, I'd grab it.
> Fred, W1NYL
> On May 23, 2005, at 10:07 PM, ve9xyz wrote:
>
> > looking at a used TS-450S with Serial Number
> 30300519 that seems in
> > very
> > good shape.
> >
> > Can you tell me:
> >
> > (1) What is the likely date of manufacture of this
> rig? I'm hoping to
> > avoid an early production unit that may have some
> inherent
> > weaknesses...
> >
> > I've seen postings in this NG about 1st digit - 2
> = year etc but I
> > don't know if this pertains to the 450 or which
> years to avoid, if
> > any.
> >
> > (2) What are likely problems that this radio has
> experienced over the
> > years that I should watch out for? The battery
> has been replaced

> > once,
> > and owner says everything functions OK Says all
> keypads work OK Non-
> > =smoker, clean, no scratches etc.
> >
> > (3) What is a TS-450SAT worth these days (does not
> include mike,
> > speaker or power supply as the current owner has
> upgraded...
> >
> > Glad to have fornd this NG - sounds as if I'm
> going to need a few
> > experienced owners soon.
> >
> > 73 Kevin VE9XYZ
> >
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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When in doubt, MODIFY...

# 3237. Re: [TS-850_450_690] Re: DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-24 19:45:27 UTC
From: Leon
Topic: 1072  Message: 3237

Hi
I have the italian service manual and I have a push LSB/USB with power on....where i can find an explication to know which menù are you talking about?
IZØEHO Andrea
www.iz0eho.com
----- Original Message -----
From: max_ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, May 24, 2005 1:21 PM
Subject: [TS-850_450_690] Re: DSP-100

--- In TS-850_450_690@yahoogroups.com, "VK4TUX" <vk4tux@a...> wrote:
> ??? I've heard everything now, since when Max??? Its plug and play pal. The only menu to worry about is the advance menu 1 TX filter on/off, but only if you want that TX ability on the TS850s filters. The dsp works anyway once its plugged in. the front TX/RX on/off buttons on the dsp-100. then control wether its in or out.

Did I upset you in some way Adrian? I was simply trying to help someone out. I thought according to the Service Manual, page 35, the menu settings on [power on + F.LOCK] menu settings #5 and #6 enable the DSP100 unit. If I am wrong, my apologies to the group. But really, no need to freak out is there??

THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COM

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 3238. Re: [TS-850_450_690] TS-450S for this Newbie - Serial Number, Issues Comment ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-25 18:26:17 UTC
From: Bill K0ZL
Topic: 3226  Message: 3238

The Icom 718 is a great little rig; and the DSP unit
is the same (audio based) unit used in the 703 and
706. I love my 703 DSP, works almost like a squelch
and also makes AM sound a bit narrower for those tuff
75M am qsos. but that is off topic, sri

b

--- n7ioh <n7ioh@...> wrote:
> Hi Kevin, the radio was made in 1991, I
> believe it was the first
> year of production for this model. I have the
> TS-690S that was made in
> 92 which is the same radio but with 6 Meters and I
> have had no
> problems. One important thing to look for is memory
> battery leakage.
> The battery is located in the front of the radio top
> left side behind
> the display. If the battery has not been replaced
> it may have leaked
> and could have caused damage to the circuit board
> that it is attached
> to. The TS-450/690's are very good radios. How
> much is the seller
> asking for the radio? If it is too much you may
> want to look at the
> Icom IC-718. This is also an excellent radio and
> you can buy one new
> with DSP for $500 now from Giga Parts. This price
> is good until June
> 30th. They also have a 60 day lay-a-way that is
> nice. I hope this helps.
>
> Al, N7IOH
>
>
> ve9xyz wrote:
>
> >looking at a used TS-450S with Serial Number
> 30300519 that seems in very
> >good shape.
> >
> >Can you tell me:

> >
> >(1) What is the likely date of manufacture of this
> rig? I'm hoping to
> >avoid an early production unit that may have some
> inherent weaknesses...
> >
> >I've seen postings in this NG about 1st digit - 2 =
> year etc but I
> >don't know if this pertains to the 450 or which
> years to avoid, if any.
> >
> >(2) What are likely problems that this radio has
> experienced over the
> >years that I should watch out for? The battery has
> been replaced once,
> >and owner says everything functions OK Says all
> keypads work OK Non-
> >=smoker, clean, no scratches etc.
> >
> >(3) What is a TS-450SAT worth these days (does not
> include mike,
> >speaker or power supply as the current owner has
> upgraded...
> >
> >Glad to have fornd this NG - sounds as if I'm going
> to need a few
> >experienced owners soon.
> >
> >73 Kevin VE9XYZ
> >
> >
> >
> >
> >THANKS FOR USING TS-850_450_690@...
> >Yahoo! Groups Links
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When in doubt, MODIFY...

# 3239. TS-850S top limit of frequencies

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-26 06:38:36 UTC
From: Valentin Kon
Topic: 3226  Message: 3239

Hello all,

Is present whether an opportunity in TS-850S to expand the top limit of frequencies up to 50#1052;#1043;#1094;?

Thank you in advance!

With Regards,

Valentin de UR7HBU

---------------------------------------------------
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

# 3240. Re: TS-850S top limit of frequencies

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-26 09:40:39 UTC
From: max_ve3tmt
Topic: 3226  Message: 3240

--- In TS-850_450_690@yahoogroups.com, Valentin Kon <ur72003@y...> wrote:
>
> Hello all,
>
> Is present whether an opportunity in TS-850S to expand the top
limit of frequencies up to 50#1052;#1043;#1094;?
>
> Thank you in advance!
>
> With Regards,
>
> Valentin de UR7HBU

If you mean 50 mhz? the answer is no. The only way is to use a
transverter. The 850 is not a 690.

# 3241. Re: [TS-850_450_690] Re: TS-850S top limit of frequencies

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-26 12:00:22 UTC
From: Ron Meiring
Topic: 3226  Message: 3241

What about 32 Mhz ? Could be handy as an IF with a transverter.
Is that possible with the 850 ?

On Thu, 26 May 2005 09:40:39 -0000, max_ve3tmt wrote:
>--- In TS-850_450_690@yahoogroups.com, Valentin Kon <ur72003@y...>
>wrote:
>>
>>Hello all,
>>
>>Is present whether an opportunity in TS-850S to expand the top
>limit of frequencies up to 50#1052;#1043;#1094;?
>>
>>Thank you in advance!
>>
>>With Regards,
>>
>>Valentin de UR7HBU
>
>If you mean 50 mhz? the answer is no. The only way is to use a
>transverter. The 850 is not a 690.
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>
>
>Yahoo! Groups Links
>
>To visit your group on the web, go to:
>http://groups.yahoo.com/group/TS-850_450_690/
>
>To unsubscribe from this group, send an email to:
>TS-850_450_690-unsubscribe@yahoogroups.com
>
>Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>

# 3242. Re: [TS-850_450_690] TS-850S top limit of frequencies

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-26 18:03:11 UTC
From: Bill K0ZL
Topic: 3226  Message: 3242

Mine only goes to 30 megs

b

--- Valentin Kon <ur72003@...> wrote:
>
> Hello all,
>
> Is present whether an opportunity in TS-850S to
> expand the top limit of frequencies up to
> 50#1052;#1043;#1094;?
>
> Thank you in advance!
>
> With Regards,
>
> Valentin de UR7HBU
>
>
>
>
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam
> protection around
> http://mail.yahoo.com
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3243. Re: [TS-850_450_690] Re: TS-850S top limit of frequencies

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-26 18:08:13 UTC
From: Bill K0ZL
Topic: 3226  Message: 3243

Mine has the mars/cap/60M mod, and will not tune above
30 megs indicated.
b

--- Ron Meiring <rmeiring@...> wrote:
> What about 32 Mhz ? Could be handy as an IF with a
> transverter.
> Is that possible with the 850 ?
>
>
> On Thu, 26 May 2005 09:40:39 -0000, max_ve3tmt
> wrote:
> >--- In TS-850_450_690@yahoogroups.com, Valentin Kon
> <ur72003@y...>
> >wrote:
> >>
> >>Hello all,
> >>
> >>Is present whether an opportunity in TS-850S to
> expand the top
> >limit of frequencies up to 50#1052;#1043;#1094;?
> >>
> >>Thank you in advance!
> >>
> >>With Regards,
> >>
> >>Valentin de UR7HBU
> >
> >If you mean 50 mhz? the answer is no. The only way
> is to use a
> >transverter. The 850 is not a 690.
> >
> >
> >
> >
> >THANKS FOR USING TS-850_450_690@...
> >
> >
> >Yahoo! Groups Links
> >
> >To visit your group on the web, go to:
> >http://groups.yahoo.com/group/TS-850_450_690/
> >
> >To unsubscribe from this group, send an email to:
> >TS-850_450_690-unsubscribe@yahoogroups.com

> >
> >Your use of Yahoo! Groups is subject to the Yahoo!
> Terms of Service.
> >
>
>
>
>

When in doubt, MODIFY...

# 3244. Re: [TS-850_450_690] Re: TS-850S top limit of frequencies

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-26 18:46:33 UTC
From: Zack Widup
Topic: 3226  Message: 3244

I've never seen anything to indicate you can modify the TS-850 to cover higher than 30 MHz. Your best bet is a transverter. TS-850's are a bit tricky to interface with a transverter, but Down East Microwave has an interface to do it. It's called the TIB-850.

I know the Realistic HTX-100 can be modified to cover 26.0 through 30.0 MHz. This can be useful if you are using a transverter that puts 10368.0 MHz at 28.0 MHz on the dial, and you're trying to hear a beacon that has drifted down to 10367.995 MHz. :-)

No problem with the TS-850 there.

73, Zack W9SZ

On Thu, 26 May 2005, Bill K0ZL wrote:

> Mine has the mars/cap/60M mod, and will not tune above
> 30 megs indicated.
> b
>

# 3245. Re: TS-850S top limit of frequencies

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-27 05:44:05 UTC
From: Valentin Kon
Topic: 3226  Message: 3245

Hi!

Thanks ZACK, BILL and the rest for answers. Frequency 42 - 45 MHz is necessary for me.

How connect to transverter? The schematic diagram is necessary.

Who can it has in it experience? I have not found the description of the interface on the Internet

Thanks, 73!

Zack Widup <w9sz@...> wrote:
I've never seen anything to indicate you can modify the TS-850 to cover higher than 30 MHz. Your best bet is a transverter. TS-850's are a bit tricky to interface with a transverter, but Down East Microwave has an interface to do it. It's called the TIB-850.

I know the Realistic HTX-100 can be modified to cover 26.0 through 30.0 MHz. This can be useful if you are using a transverter that puts 10368.0 MHz at 28.0 MHz on the dial, and you're trying to hear a beacon that has drifted down to 10367.995 MHz. :-)

No problem with the TS-850 there.

73, Zack W9SZ

On Thu, 26 May 2005, Bill K0ZL wrote:

> Mine has the mars/cap/60M mod, and will not tune above
> 30 megs indicated.
> b

---------------------------------------------------
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

# 3246. Re: [TS-850_450_690] Re: TS-850S top limit of frequencies

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-05-29 06:56:16 UTC
From: eplist
Topic: 3226  Message: 3246

Hi,

You can find the way i interfaced transverters on my home page.
http://tk5ep.free.fr
As well as a lot of infos abt the TS850.

73, Patrick

Valentin Kon a ?crit :

>
> Hi!
>
> Thanks ZACK, BILL and the rest for answers. Frequency 42 - 45 MHz is
> necessary for me.
>
> How connect to transverter? The schematic diagram is necessary.
>
> Who can it has in it experience? I have not found the description of
> the interface on the Internet
>
> Thanks, 73!
>

# 3247. TS850/W2IHY/HC4 settings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-02 15:14:00 UTC
From: tsmithers@cix.co.uk
Topic: 3247  Message: 3247

Hello all,

Bit of a long shot but I wondered if anyone here is using the W2IHY 8 Band EQ and Heil HC4 mic, set for DX working, rather than "studio quality", and would care to share the slider settings.

I've set up the EQ to what I think is ok ( I haven't had any "lousy audio" comments yet) and
I know it all depends on the individual voice etc but it would be very helpful to know what slider settings others are using just to confirm I'm in the right area.

Trevor G0KTN

# 3248. Re: [TS-850_450_690] TS850/W2IHY/HC4 settings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-02 19:07:16 UTC
From: Bill K0ZL
Topic: 3247  Message: 3248

Trevor, you are wanting a peak at about 1500-1800 hz
for DX work.

Best way to use an equalizer is to concentrate on
CUTTING the bands you don't want, rather than BOOSTING
the bands that you do want. So you would end up with
the opposite of the so called "loudness" curve, in
which bass and treble are boosted. instead, your bass
and treble bands will be cut.

Start with moderate cuts, get on 75 meters at night
with someone who is patient and not too close to you,
and experiment with settings; go for maximum
intelligibility (Quick Brown Fox over and over... hi)

The report you want is "That setting really cuts
through the noise!"... then TAPE THE CONTROLS DOWN or
mark them. Tempt ye not to adjust during contest or
pileup! hi

b

--- tsmithers@... wrote:

> Hello all,
>
> Bit of a long shot but I wondered if anyone here is
> using the W2IHY 8 Band EQ and Heil
> HC4 mic, set for DX working, rather than "studio
> quality", and would care to share the
> slider settings.
>
> I've set up the EQ to what I think is ok ( I haven't
> had any "lousy audio" comments yet) and
> I know it all depends on the individual voice etc
> but it would be very helpful to know what
> slider settings others are using just to confirm I'm
> in the right area.
>
> Trevor G0KTN
>

When in doubt, MODIFY...

# 3249. Re: [TS-850_450_690] TS850/W2IHY/HC4 settings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-02 19:48:22 UTC
From: VK4TUX
Topic: 3247  Message: 3249

I find that it varies a bit - optimised band to band but mine are;
50; 2
100; 1
200; -2
400; -2
800; -1
1600; 3
2400; 9
3200; 12

Using Heil Proline insert on Goldline type(like PR20) Mic. Set for reasonably natural sound

Adrian

de VK4TUX

From: tsmithers@...
Subject: [TS-850_450_690] TS850/W2IHY/HC4 settings

Hello all,

Bit of a long shot but I wondered if anyone here is using the W2IHY 8 Band EQ and Heil HC4 mic, set for DX working, rather than "studio quality", and would care to share the slider settings.

[Non-text portions of this message have been removed]

# 3250. Mic wiring diagram

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-03 02:20:47 UTC
From: Scott Ingram
Topic: 3250  Message: 3250

I have a TS-450. My cousin gave me an MC-50 desk mic. This mic is wired for a 4-pin connector. Do any of you have a wiring diagram or anything that will tell me how to wire the 8-pin plug I have? I am trying to get this fixed up before I pass my code test (already passed the General written test.)

Any and all help is appreciated!

73,
Scott
KD5ZPX

# 3251. Re: [TS-850_450_690] TS850/W2IHY/HC4 settings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-03 12:54:39 UTC
From: VK4TUX
Topic: 3247  Message: 3251

Do you use a W2IHY Bill? Did the other TS850s dc-dc repair converter last week with 10kohm smd resistor replacements(for 22k ohm units), and works great Last time I used 13K ohm as on the dk mods article I posted.. Found the problem originally running a psk31 beacon on 40m running 100w variation over 15 seconds. I nearly forgot how weeny those smd,s are; 1.5mm by 2.5mm each.Also did the (anti-barbecue)auto Antenna tuner mod with direct feed soldered to the Inductor coil end. Bill I still maintain this is a design weakness in the Kenwood pcb.

Adrian

de VK4TUX
----- Original Message -----
From: Bill K0ZL
To: TS-850_450_690@yahoogroups.com
Sent: Friday, June 03, 2005 5:07 AM
Subject: Re: [TS-850_450_690] TS850/W2IHY/HC4 settings

Trevor, you are wanting a peak at about 1500-1800 hz
for DX work.

Best way to use an equalizer is to concentrate on
CUTTING the bands you don't want, rather than BOOSTING
the bands that you do want. So you would end up with
the opposite of the so called "loudness" curve, in
which bass and treble are boosted. instead, your bass
and treble bands . be cut.

Start with moderate cuts, get on 75 meters at night
with someone who is patient and not too close to you,
and experiment with settings; go for maximum
intelligibility (Quick Brown Fox over and over... hi)

The report you want is "That setting really cuts
through the noise!"... then TAPE THE CONTROLS DOWN or
mark them. Tempt ye not to adjust during contest or
pileup! hi

b

--- tsmithers@... wrote:

> Hello all,
>
> Bit of a long shot but I wondered if anyone here is
> using the W2IHY 8 Band EQ and Heil
> HC4 mic, set for DX working, rather than "studio
> quality", and would care to share the

> slider settings.
>
> I've set up the EQ to what I think is ok ( I haven't
> had any "lousy audio" comments yet) and
> I know it all depends on the individual voice etc
> but it would be very helpful to know what
> slider settings others are using just to confirm I'm
> in the right area.
>
> Trevor G0KTN
>

When in doubt, MODIFY...

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 3252. Re: [TS-850_450_690] TS850/W2IHY/HC4 settings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-03 17:18:35 UTC
From: Bill K0ZL
Topic: 3247  Message: 3252

True on all your commentst there. No, I don't use any
EQ at all here. Rarely on SSB; usually on AM fone with
the boatanchors.

b

--- VK4TUX <vk4tux@...> wrote:

> Do you use a W2IHY Bill? Did the other TS850s dc-dc
> repair converter last week with 10kohm smd resistor
> replacements(for 22k ohm units), and works great
> Last time I used 13K ohm as on the dk mods article
> I posted.. Found the problem originally running a
> psk31 beacon on 40m running 100w variation over 15
> seconds. I nearly forgot how weeny those smd,s are;
> 1.5mm by 2.5mm each.Also did the (anti-barbecue)auto
> Antenna tuner mod with direct feed soldered to the
> Inductor coil end. Bill I still maintain this is a
> design weakness in the Kenwood pcb.
>
> Adrian
>
> de VK4TUX
> ----- Original Message -----
> From: Bill K0ZL
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, June 03, 2005 5:07 AM
> Subject: Re: [TS-850_450_690] TS850/W2IHY/HC4
> settings
>
>
> Trevor, you are wanting a peak at about 1500-1800
> hz
> for DX work.
>
> Best way to use an equalizer is to concentrate on
> CUTTING the bands you don't want, rather than
> BOOSTING
> the bands that you do want. So you would end up
> with
> the opposite of the so called "loudness" curve, in
> which bass and treble are boosted. instead, your
> bass
> and treble bands . be cut.
>
> Start with moderate cuts, get on 75 meters at

> night
> with someone who is patient and not too close to
> you,
> and experiment with settings; go for maximum
> intelligibility (Quick Brown Fox over and over...
> hi)
>
> The report you want is "That setting really cuts
> through the noise!"... then TAPE THE CONTROLS DOWN
> or
> mark them. Tempt ye not to adjust during contest
> or
> pileup! hi
>
> b
>
>
> --- tsmithers@... wrote:
>
> > Hello all,
> >
> > Bit of a long shot but I wondered if anyone here
> is
> > using the W2IHY 8 Band EQ and Heil
> > HC4 mic, set for DX working, rather than "studio
> > quality", and would care to share the
> > slider settings.
> >
> > I've set up the EQ to what I think is ok ( I
> haven't
> > had any "lousy audio" comments yet) and
> > I know it all depends on the individual voice
> etc
> > but it would be very helpful to know what
> > slider settings others are using just to confirm
> I'm
> > in the right area.
> >
> > Trevor G0KTN
> >
>
>
>
> When in doubt, MODIFY...
>
>
>
>
>
>
>

>
> THANKS FOR USING TS-850_450_690@...
>
>
>
>
---
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an
> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3253. Re: [TS-850_450_690] Mic wiring diagram

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-03 20:52:17 UTC
From: ve3wej
Topic: 3250  Message: 3253

All kenwood eight pin round are wired the same and should be in you users manual. As far as the mc-50, it depends on what it was wired for previously. If it was kenwood, then kenwood.net has the connector wiring on their site. let me know if you need it (i think it is on mods.dk as well

Ve3wej/Ve3ie
Dave Garber
----- Original Message -----
From: "Scott Ingram" <kd5zpx@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, June 02, 2005 10:20 PM
Subject: [TS-850_450_690] Mic wiring diagram

> I have a TS-450. My cousin gave me an MC-50 desk mic. This mic is
> wired for a 4-pin connector. Do any of you have a wiring diagram or
> anything that will tell me how to wire the 8-pin plug I have? I am
> trying to get this fixed up before I pass my code test (already passed
> the General written test.)
>
> Any and all help is appreciated!
>
> 73,
> Scott
> KD5ZPX
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>
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>
>
>
>

# 3254. Re: [TS-850_450_690] Mic wiring diagram

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-04 02:19:29 UTC
From: Scott Ingram
Topic: 3250  Message: 3254

Thanks Dave - I found it. That's exactly what I was looking for -
just hadn't found the right place!

Appreciate the assist.
Scott
KD5ZPX

On 6/3/05, ve3wej <ve3wej@...> wrote:
> All kenwood eight pin round are wired the same and should be in you users
> manual. As far as the mc-50, it depends on what it was wired for previously.
> If it was kenwood, then kenwood.net has the connector wiring on their site.
> let me know if you need it (i think it is on mods.dk as well
>
> Ve3wej/Ve3ie
> Dave Garber
>
> ----- Original Message -----
> From: "Scott Ingram" <kd5zpx@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Thursday, June 02, 2005 10:20 PM
> Subject: [TS-850_450_690] Mic wiring diagram
>
>
> > I have a TS-450. My cousin gave me an MC-50 desk mic. This mic is
> > wired for a 4-pin connector. Do any of you have a wiring diagram or
> > anything that will tell me how to wire the 8-pin plug I have? I am
> > trying to get this fixed up before I pass my code test (already passed
> > the General written test.)
> >
> > Any and all help is appreciated!
> >
> > 73,
> > Scott
> > KD5ZPX
> >
> >
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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>
> THANKS FOR USING TS-850_450_690@...
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>
> ---------------------------------
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

# 3255. Re: [TS-850_450_690] Mic wiring diagram

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-04 02:50:00 UTC
From: ve3wej
Topic: 3250  Message: 3255

glad i could help....

Ve3wej/Ve3ie
Dave Garber
----- Original Message -----
From: "Scott Ingram" <kd5zpx@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, June 03, 2005 10:19 PM
Subject: Re: [TS-850_450_690] Mic wiring diagram

> Thanks Dave - I found it. That's exactly what I was looking for -
> just hadn't found the right place!
>
> Appreciate the assist.
> Scott
> KD5ZPX
>
> On 6/3/05, ve3wej <ve3wej@...> wrote:
> > All kenwood eight pin round are wired the same and should be in you
users
> > manual. As far as the mc-50, it depends on what it was wired for
previously.
> > If it was kenwood, then kenwood.net has the connector wiring on their
site.
> > let me know if you need it (i think it is on mods.dk as well
> >
> > Ve3wej/Ve3ie
> > Dave Garber
> >
> > ----- Original Message -----
> > From: "Scott Ingram" <kd5zpx@...>
> > To: <TS-850_450_690@yahoogroups.com>
> > Sent: Thursday, June 02, 2005 10:20 PM
> > Subject: [TS-850_450_690] Mic wiring diagram
> >
> >
> > > I have a TS-450. My cousin gave me an MC-50 desk mic. This mic is
> > > wired for a 4-pin connector. Do any of you have a wiring diagram or
> > > anything that will tell me how to wire the 8-pin plug I have? I am
> > > trying to get this fixed up before I pass my code test (already passed
> > > the General written test.)
> > >
> > > Any and all help is appreciated!
> > >
> > > 73,

> > > Scott
> > > KD5ZPX
> > >
> > >
> > >
> > >
> > >
> > > THANKS FOR USING TS-850_450_690@...
> > > Yahoo! Groups Links
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> >
> > THANKS FOR USING TS-850_450_690@...
> >
> >
> > _____
> > Yahoo! Groups Links
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> > To unsubscribe from this group, send an email to:
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>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>

# 3256. Menù setting

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-05 07:48:30 UTC
From: Leon
Topic: 3256  Message: 3256

Hi all
which kind of menù is actived if I push [power on + F.LOCK]? I have the italian manual but nothing about on it.
73
IZØEHO Andrea
www.iz0eho.com

[Non-text portions of this message have been removed]

# 3257. Re: Menù setting

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-06 00:24:02 UTC
From: max_ve3tmt
Topic: 3256  Message: 3257

--- In TS-850_450_690@yahoogroups.com, "Leon" <leon2000@i...> wrote:
> Hi all
> which kind of menù is actived if I push [power on + F.LOCK]? I have
the italian manual but nothing about on it.
> 73
> IZØEHO Andrea

This power on mode brings up the adjustment menu as follows:

00 CAR correction FSK pseudo SSB
Possible filter exchange at transmission

01 CAR-W correction
Possible filter exchange at transmission

02 0 adjustment for RIT/XIT

03 Wide adjustment for SLOPE TUNE HIGH CUT

04 Wide adjustment for LOW CUT SLOPE TUNE

05 Forced ON/OFF for receiving DSP carrier

06 Forced ON/OFF for transmitting DSP carrier

Then LCD tests

FULL ON
FULL OFF
LCD TEST1
LCD TEST2
LCD TEST3
LCD TEST4

Nothing in this menu really needs adjusting.

73,
Max

# 3258. Heil iCM microphone and the TS850...Compatible?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-07 18:37:57 UTC
From: Mark
Topic: 3258  Message: 3258

Hello all...

Does anyone on the list have experience using a Heil iCM microphone
(touted as Icom-only) with a Kenwood TS850 or similar radio?
Heilsound.com does not comment on whether or not it is feasible.

73, Mark NB1U

# 3259. Re: Heil iCM microphone and the TS850...Compatible?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-07 20:28:21 UTC
From: max_ve3tmt
Topic: 3258  Message: 3259

--- In TS-850_450_690@yahoogroups.com, "Mark" <golfradio@y...> wrote:
> Hello all...
>
> Does anyone on the list have experience using a Heil iCM microphone
> (touted as Icom-only) with a Kenwood TS850 or similar radio?
> Heilsound.com does not comment on whether or not it is feasible.
>
> 73, Mark NB1U

Mark,

The "I" series Heil mikes have a higher output than the tranditional mics to drive the low gain amps in the Icom rigs. I don't see why it wouldn't work with the 850 although you may have to keep your mic gain down more than you normally do.

Max

# 3260. to Bill K0ZL (off-topic)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-09 07:17:52 UTC
From: Dennis, Philippines low budget dxer
Topic: 3260  Message: 3260

June 9, 2005

Hi Bill

Did you receive my email concerning the Carrier Board for the TS-450?

Dennis Ls. M. Cruz DV7-BJY
the Philippines

# 3261. DC-DC converter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-09 08:59:56 UTC
From: vk4tux
Topic: 2618  Message: 3261

Also Bill I did this one(change R1-R2) without removing the dc-dc convertor pcb from the nb pcb. It can be done ok, if bent back a bit first. What is the best procedure for checking fsk rtty mark-space polarity is correct etc with the TS850s please?

regards

Adrian

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Dennis it's the DC-DC converter. There are two SMD
> resistors that need to be changed to make the
> multivibrator more reliable..
>
> I have attached annotated picture of what needs to be
> changed on the DC-DC converter unit, also to the
> group's FILES section under MODS...
>
> 73,
>
> Bill
>
>
> --- Denis O' Flynn <ei6hb@e...> wrote:
>
> > Just moved down from 20 M on the 850S in the WAE
> > RTTY Test and find that I
> > have a problem on both 40 & 80 metres.
> >
> > The ALC is all over the place and power changes in
> > tandem with the ALC, up,
> > down, up down even with 40 watts into a dummy load.
> > Using RCKRTTY and
> > Rigblaster.processor is off, High Boost is out, Moni
> > is out, AGC slow, Mic
> > Gain is at 7 o clock.
> >
> > any ideas???
> > Denis EI6HB
> >
> >
> >
>
>
> =====

>
> "If in doubt, MODIFY" --k0zl
>
> Need a tech? See our website www.amateur-repairs.com
>
>
>
>
>
>
> _____
> Do you Yahoo!?
> Check out the new Yahoo! Front Page.
> www.yahoo.com
>
>
>
> [Non-text portions of this message have been removed]

# 3262. Re: RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-09 09:37:47 UTC
From: vk4tux
Topic: 2020  Message: 3262

How do you go running FSK and/or 500hz filters with mmtty Bill?

regards

Adrian

--- In TS-850_450_690@yahoogroups.com, "W. Hansen" <rfpexec@y...>
wrote:
> As per my inquiry the other day about running RTTY on my TS-850, I
went
> with the MMTTY program as suggested by several people. WOW, that
is a
> slick program...and it's free too. I made the cables for the 850
and
> my PC, that was a piece of cake...once I found the parts.
>
> I turned every thing on and it worked on the first try.
>
> The program takes a few minutes to figure out...especially if you
don't
> bother to read the instructions. Anybody can do it by reading the
> instructions it's more of a challenge if you don't.
>
> I can say enough about the MMTTY program. It is quite sophisticated
> yet very easy to use. You can't go wrong using it.
>
> The only think I found out was that these are not a hell of a lot of
> people to talk to on RTTY. True, I am not in the greatest location
in
> the world, but I still did not hear a lot of stations on, especially
> late at night.
>
> Well, next I will try CW with the 850 and my PC.
>
> I want to sincerely that everyone on and off the list that sent me
> suggestions and offered their help.
>
> Regards,
>
> Bill
> k0owo
>
> _____
> Do you Yahoo!?
> Yahoo! Mail SpamGuard - Read only the mail you want.
> http://antispam.yahoo.com/tools

# 3263. Re: [TS-850_450_690] to Bill K0ZL (off-topic)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-09 12:18:46 UTC
From: Bill K0ZL
Topic: 3260  Message: 3263

Yes Dennis, were you looking for a replacement? I
cannot help there.

I think I was going to throw together a
troubleshooting thing to help ID which chip is bad;
was that what you were referring to?

Have not had time to do that yet.

Thanks

bill

--- "Dennis, Philippines low budget dxer"
<dmcbohol@...> wrote:

> June 9, 2005
>
> Hi Bill
>
> Did you receive my email concerning the Carrier
> Board for the TS-450?
>
> Dennis Ls. M. Cruz DV7-BJY
> the Philippines
>
>
>
>

When in doubt, MODIFY...

# 3264. Re: [TS-850_450_690] DC-DC converter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-09 12:22:16 UTC
From: Bill K0ZL
Topic: 2618  Message: 3264

On the RTTY polarity, if you are receiving OK, receive
is set up OK. Obviously. On TX, you need to set up
sked with someone that can let you know if you are
reversed or not.

Most RTTY ops will tell you; if they here you come
back and you are not "printing" on their screen, they
will set THEIR receive to reverse, then contact you,
then tell you if you are upside down. Then it's a
simple matter of either changing your software, or
doing it at the rig with the menu command.

Bill

--- vk4tux <vk4tux@...> wrote:

> Also Bill I did this one(change R1-R2) without
> removing the dc-dc
> convertor pcb from the nb pcb. It can be done ok, if
> bent back a bit
> first. What is the best procedure for checking fsk
> rtty mark-space
> polarity is correct etc with the TS850s please?
>
> regards
>
> Adrian
>
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
> > Dennis it's the DC-DC converter. There are two SMD
> > resistors that need to be changed to make the
> > multivibrator more reliable..
> >
> > I have attached annotated picture of what needs to
> be
> > changed on the DC-DC converter unit, also to the
> > group's FILES section under MODS...
> >
> > 73,
> >
> > Bill
> >
> >

> > --- Denis O' Flynn <ei6hb@e...> wrote:
> >
> > > Just moved down from 20 M on the 850S in the WAE
> > > RTTY Test and find that I
> > > have a problem on both 40 & 80 metres.
> > >
> > > The ALC is all over the place and power changes
> in
> > > tandem with the ALC, up,
> > > down, up down even with 40 watts into a dummy
> load.
> > > Using RCKRTTY and
> > > Rigblaster.processor is off, High Boost is out,
> Moni
> > > is out, AGC slow, Mic
> > > Gain is at 7 o clock.
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> > > any ideas???
> > > Denis EI6HB
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> > >
> > >
> >
> >
> > =====
> >
> > "If in doubt, MODIFY" --k0zl
> >
> > Need a tech? See our website
> www.amateur-repairs.com
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> >
> >
> >
> >
> >
> > _________________________________
> > Do you Yahoo!?
> > Check out the new Yahoo! Front Page.
> > www.yahoo.com
> >
> >
> >
> > [Non-text portions of this message have been
> removed]
>
>
>
>

When in doubt, MODIFY...

# 3265. Re: [TS-850_450_690] Re: RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-09 12:24:34 UTC
From: Bill K0ZL
Topic: 2020  Message: 3265

receive is simple, just run audio into the computer sound card. I was doing it with a mic from the computer set near the receiver speaker! Copied just fine, even with room noise.

On TX, you will need to hook up an interface, using optoisolator or transistor, from one or two of the computer serial port pins (forget which one) to the rig to key the PTT and the FSK line.

Most guys run AFSK on RTTY now; much easier interfacing and you use the rig VOX to key the radio. With the 850, you can run AFSK in LSB and still use the narrow filters, with the slope tuning to put them right on the RTTY sigs.

b

--- vk4tux <vk4tux@...> wrote:

> How do you go running FSK and/or 500hz filters with
> mmtty Bill?
>
> regards
>
> Adrian
>
>
> --- In TS-850_450_690@yahoogroups.com, "W. Hansen"
> <rfpexec@y...>
> wrote:
> > As per my inquiry the other day about running RTTY
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> went
> > with the MMTTY program as suggested by several
> people. WOW, that
> is a
> > slick program...and it's free too. I made the
> cables for the 850
> and
> > my PC, that was a piece of cake...once I found the
> parts.
> >
> > I turned every thing on and it worked on the first
> try.
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> > The program takes a few minutes to figure
> out...especially if you
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> by reading the
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> > The only think I found out was that these are not
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> stations on, especially
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> > Well, next I will try CW with the 850 and my PC.
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> > I want to sincerely that everyone on and off the
> list that sent me
> > suggestions and offered their help.
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> > Regards,
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> > Bill
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> > Yahoo! Mail SpamGuard - Read only the mail you
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> > http://antispam.yahoo.com/tools
>
>
>

When in doubt, MODIFY...

# 3266. Re: Re: [TS-850_450_690] Re: RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-09 13:00:19 UTC
From: jduerbusch@charter.net
Topic: 2020  Message: 3266

I take exception to Bill's statement that 'Most guys run AFSK on RTTY now;'. I dont believe this to be a true statement, maybe just a personal opinion. Yes some of the new kids coming over from PSK31 may do it for a while, but if they have a rig that has a FSK line for keying, they move over to it FSK shortly.

All you have to do is go over to psk31 and see the poor audio signals coming out of the soundcard.

Please if your rig has FSK use it!!

On my website I have several articles on how to hookup the TS-850/450 on FSK. On the Kenwood, in a menu setting, you need to change the default keying setting so get the FSK right side up. This is explained in the article.

Now I see Bill K0ZL on rtty from time to time and his signal is always nice and clean. so AFSK can work, but if your rig has FSK it should be used.

Joe K0BX
on rtty since 1975.

Stop the insanity!
Please do not add me to any distribution lists (Joke, Stories or Junk) without my permission.

# 3267. Re: [TS-850_450_690] Re: RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-09 19:26:02 UTC
From: VK4TUX
Topic: 2020  Message: 3267

Bill, doesn't the slope tuning only affect RX? I can only TX through the 500hz 8.83 filter with FSK. In AFSK, mine will not tx unless I move up to the 1.8k 8.83 ssb filter I have installed. I'm using normal tones and shift (170hz). I use a 500hz 455 filter too and this doesn't seem to affect TX.

regards

Adrian

de VK4TUX
----- Original Message -----
From: Bill K0ZL
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, June 09, 2005 10:24 PM
Subject: Re: [TS-850_450_690] Re: RTTY on my 850...results

receive is simple, just run audio into the computer
sound card. I was doing it with a mic from the
computer set near the receiver speaker! Copied just
fine, even with room noise.

On TX, you will need to hook up an interface, using
optoisolator or transistor, from one or two of the
computer serial port pins (forget which one) to the
rig to key the PTT and the FSK line.

Most guys run AFSK on RTTY now; much easier
interfacing and you use the rig VOX to key the radio.
With the 850, you can run AFSK in LSB and still use
the narrow filters, with the slope tuning to put them
right on the RTTY sigs.

b

--- vk4tux <vk4tux@...> wrote:

> How do you go running FSK and/or 500hz filters with
> mmtty Bill?
>
> regards
>
> Adrian
>
>
> --- In TS-850_450_690@yahoogroups.com, "W. Hansen"
> <rfpexec@y...>
> wrote:

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> people. WOW, that
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> and
> > my PC, that was a piece of cake...once I found the
> parts.
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> > I turned every thing on and it worked on the first
> try.
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> > The program takes a few minutes to figure
> out...especially if you
> don't
> > bother to read the instructions. Anybody can do it
> by reading the
> > instructions it's more of a challenge if you
> don't.
> >
> > I can say enough about the MMTTY program. It is
> quite sophisticated
> > yet very easy to use. You can't go wrong using
> it.
> >
> > The only think I found out was that these are not
> a hell of a lot of
> > people to talk to on RTTY. True, I am not in the
> greatest location
> in
> > the world, but I still did not hear a lot of
> stations on, especially
> > late at night.
> >
> > Well, next I will try CW with the 850 and my PC.
> >
> > I want to sincerely that everyone on and off the
> list that sent me
> > suggestions and offered their help.
> >
> > Regards,
> >
> > Bill
> > k0owo
> >
> > _____
> > Do you Yahoo!?

> > Yahoo! Mail SpamGuard - Read only the mail you
> want.
> > http://antispam.yahoo.com/tools
>
>
>

When in doubt, MODIFY...

THANKS FOR USING TS-850_450_690@...

---

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[Non-text portions of this message have been removed]

# 3268. pwr ts-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-09 19:33:54 UTC
From: Rudi
Topic: 3268  Message: 3268

Good afternoon!

is Possible to increase power of 100 W for 150 watts ts-450sat?

Thanks & Godo Dx

PY3TO Rudi

---
Converse com seus amigos em tempo real com o Yahoo! Messenger
http://br.download.yahoo.com/messenger/

[Non-text portions of this message have been removed]

# 3269. Re: Re: [TS-850_450_690] Re: RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-09 19:38:32 UTC
From: VK4TUX
Topic: 2020  Message: 3269

Thankyou Joe, I have done all of you pk-232 mods and alignment procedure (170hz shift and resistor - 432k filtering changeover) with good success. I also added the 1uF tantalums across 4-11 pins on the op-amp chips to reduce noise there. All worked great. Yes FSK seems the way to go with narrow filters. That's why I'm curious re anyone claiming they can TX through 500hz filters with the afsk method as I cant (yet). Great site you have keep up the good work.

Adrian

de VK4TUX
----- Original Message -----
From: jduerbusch@...
To: TS-850_450_690@yahoogroups.com ; TS-850_450_690@yahoogroups.com
Sent: Thursday, June 09, 2005 11:00 PM
Subject: Re: Re: [TS-850_450_690] Re: RTTY on my 850...results

I take exception to Bill's statement that 'Most guys run AFSK on RTTY now;'. I dont believe this to be a true statement, maybe just a personal opinion. Yes some of the new kids coming over from PSK31 may do it for a while, but if they have a rig that has a FSK line for keying, they move over to it FSK shortly.

All you have to do is go over to psk31 and see the poor audio signals coming out of the soundcard.

Please if your rig has FSK use it!!

On my website I have several articles on how to hookup the TS-850/450 on FSK. On the Kenwood, in a menu setting, you need to change the default keying setting so get the FSK right side up. This is explained in the article.

Now I see Bill K0ZL on rtty from time to time and his signal is always nice and clean. so AFSK can work, but if your rig has FSK it should be used.

Joe K0BX
on rtty since 1975.

Stop the insanity!
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THANKS FOR USING TS-850_450_690@...

---
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[Non-text portions of this message have been removed]

# 3270. Re: Re: [TS-850_450_690] Re: RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-09 19:49:41 UTC
From: Paul Manuel
Topic: 2020  Message: 3270

--- VK4TUX <vk4tux@...> wrote:
> Thankyou Joe, I have done all of you pk-232 mods and alignment procedure
> (170hz shift and resistor - 432k filtering changeover) with good
> success. I also added the 1uF tantalums across 4-11 pins on the op-amp
> chips to reduce noise there. All worked great. Yes FSK seems the way to
> go with narrow filters. That's why I'm curious re anyone claiming they
> can TX through 500hz filters with the afsk method as I cant (yet). Great
> site you have keep up the good work.
>

I'm not on PSK-31, but if you use the menu setting that lets you select
your transmit filter, couldn't you select any of them? This is in the
extended function menu. Details are at www.mods.dk.
73,
Paul K4PDM

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 3271. Re: to Bill K0ZL (off-topic)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-09 23:12:50 UTC
From: Dennis, Philippines low budget dxer
Topic: 3260  Message: 3271

Thanks Bill, I'll wait for the troubleshooting guide that you're working on. I only need to know which part is bad.

Regards

Dennis

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Yes Dennis, were you looking for a replacement? I
> cannot help there.
>
> I think I was going to throw together a
> troubleshooting thing to help ID which chip is bad;
> was that what you were referring to?
>
> Have not had time to do that yet.
>
> Thanks
>
> bill
>
> --- "Dennis, Philippines low budget dxer"
> <dmcbohol@y...> wrote:
>
> > June 9, 2005
> >
> > Hi Bill
> >
> > Did you receive my email concerning the Carrier
> > Board for the TS-450?
> >
> > Dennis Ls. M. Cruz DV7-BJY
> > the Philippines
> >
> >
> >
> >
>
>
>
> When in doubt, MODIFY...

# 3272. [TS-850_450_690] Re: RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-10 02:20:26 UTC
From: vk4tux
Topic: 2020  Message: 3272

Hi Paul, Yes the ext function TX filter function is enabled. Its not a problem with psk31 to TX on the dual 500hz filter setup, only with rtty afsk method I find is not getting through on TX. The filter selection isnt the subject or issue here, its the passing of the signal through the 500hz 8.83 filter. As rtty afsk rides a 2125 -2295 audio tone shift it wont pass the 500hz 8.83 filter, hence FSK needed to do this.If anyone can TX with a 850s in afsk rtty using the 500hz 8.83 filter, I'd like to know how please?

Adrian

de VK4TUX

> I'm not on PSK-31, but if you use the menu setting that lets you select
> your transmit filter, couldn't you select any of them? This is in the
> extended function menu. Details are at www.mods.dk.
> 73,
> Paul K4PDM

# 3273. Re: Re: [TS-850_450_690] Re: RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-09 19:57:03 UTC
From: jduerbusch@charter.net
Topic: 2020  Message: 3273

Hi Paul, thanks for your comments but I am having trouble following what you are trying to say? Also I went to the www.mods.dk site and could not find what you were talking about. Maybe you could do me a favor and give me the subject like of the modification?

I have found it easy to run the narrow filter on PSK31 by setting the center freq for PSK to 1800HZ and use LSB. Then turn on the CW filter and turn the bandpass tuning control to move the filter center to 1800HZ. Works well and can run 100 watts on PSK if need.

Thanks again.

Joe K0BX

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# 3274. Re: Re: [TS-850_450_690] Re: RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-09 19:49:30 UTC
From: jduerbusch@charter.net
Topic: 2020  Message: 3274

Hi Adrian thanks for you kind comments. Glad it help.

I have been running the TS-850S/At on rtty from the 1st day I got it 13 years ago. Always 100 watts output and many many RTTY contests.

I am not sure how to answer your question on AFSK. For PSK31 I set the center freq to 1800 HZ, then goto the 400 HZ filter (all lower sideband) and adjust the bandpass tuning.

I can get 100 watts output with no problem.

I think that you can do this with AFSK but I am not sure about the 'Hi-Tones' of 2125/2295 (170 hz) but the TS-850S has a low tones setting and will put the mark done to about 1450 (do have the manual here at work). Then put the rig in lower ssb, insert the filter and adjust the bandpass.

Now if you are using something like MMTTY, you have to adjust the input filter to the low tones.

You are using the PK-232 and I am not sure that you can adjust the bandpass tuning to 2125 Mark. but if you can with the CW filter in on LSB then the tones will pass on xmit.

Hope this helps. But FSK is better!, just remember FSK-R on the PK-232 output.

Joe K0BX

From: "VK4TUX" <vk4tux@...>
Date: 2005/06/09 Thu PM 02:38:32 CDT
To: <TS-850_450_690@yahoogroups.com>
Subject: Re: Re: [TS-850_450_690] Re: RTTY on my 850...results

Thankyou Joe, I have done all of you pk-232 mods and alignment procedure (170hz shift and resistor - 432k filtering changeover) with good success. I also added the 1uF tantalums across 4-11 pins on the op-amp chips to reduce noise there. All worked great. Yes FSK seems the way to go with narrow filters. That's why I'm curious re anyone claiming they can TX through 500hz filters with the afsk method as I cant (yet). Great site you have keep up the good work.

Adrian

de VK4TUX
----- Original Message -----
From: jduerbusch@...
To: TS-850_450_690@yahoogroups.com ; TS-850_450_690@yahoogroups.com
Sent: Thursday, June 09, 2005 11:00 PM
Subject: Re: Re: [TS-850_450_690] Re: RTTY on my 850...results

I take exception to Bill's statement that 'Most guys run AFSK on RTTY now;'. I dont believe this to be a true statement, maybe just a personal opinion. Yes some of the new kids coming

over from PSK31 may do it for a while, but if they have a rig that has a FSK line for keying, they move over to it FSK shortly.

All you have to do is go over to psk31 and see the poor audio signals coming out of the soundcard.

Please if your rig has FSK use it!!

On my website I have several articles on how to hookup the TS-850/450 on FSK. On the Kenwood, in a menu setting, you need to change the default keying setting so get the FSK right side up. This is explained in the article.

Now I see Bill K0ZL on rtty from time to time and his signal is always nice and clean. so AFSK can work, but if your rig has FSK it should be used.

Joe K0BX
on rtty since 1975.

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# 3275. Re: Re: [TS-850_450_690] Re: RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-10 07:17:49 UTC
From: VK4TUX
Topic: 2020  Message: 3275

Where is this control on the TS850s Joe? pls

regards

Adrian

de VK4TUX

" turn the bandpass tuning control to move the filter center to 1800HZ. Works well and can run 100 watts on PSK if need."

[Non-text portions of this message have been removed]

# 3276. Re: Re: [TS-850_450_690] Re: RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-10 07:25:56 UTC
From: VK4TUX
Topic: 2020  Message: 3276

----- Original Message -----
From: jduerbusch@...
To: TS-850_450_690@yahoogroups.com
Sent: Friday, June 10, 2005 5:49 AM
Subject: Re: Re: [TS-850_450_690] Re: RTTY on my 850...results

Hi Adrian thanks for you kind comments. Glad it help.

I have been running the TS-850S/At on rtty from the 1st day I got it 13 years ago. Always 100 watts output and many many RTTY contests.

I am not sure how to answer your question on AFSK. For PSK31 I set the center freq to 1800 HZ, then goto the 400 HZ filter (all lower sideband) and adjust the bandpass tuning. vk4tux"Slope tune??? Is this what you mean. I dont see a bandpass control or if shift on the 850s Joe?
I use the narrow filters ok on psk31 but limited in the audio range. I adj base freq to suit."

I can get 100 watts output with no problem.

I think that you can do this with AFSK but I am not sure about the 'Hi-Tones' of 2125/2295 (170 hz) but the TS-850S has a low tones setting and will put the mark done to about 1450 (do have the manual here at work). Then put the rig in lower ssb, insert the filter and adjust the bandpass. < vk4tux"How? on TX?"

Now if you are using something like MMTTY, you have to adjust the input filter to the low tones.

You are using the PK-232 and I am not sure that you can adjust the bandpass tuning to 2125 Mark. but if you can with the CW filter in on LSB then the tones will pass on xmit.

Hope this helps. But FSK is better!, just remember FSK-R on the PK-232 output.< Please explain Joe??? re pk-232 output.FSK-R ??? I am using FSK ok but would like to know how to use afsk if possible etc.

Joe K0BX

From: "VK4TUX" <vk4tux@...>
Date: 2005/06/09 Thu PM 02:38:32 CDT
To: <TS-850_450_690@yahoogroups.com>
Subject: Re: Re: [TS-850_450_690] Re: RTTY on my 850...results

Thankyou Joe, I have done all of you pk-232 mods and alignment procedure (170hz shift and resistor - 432k filtering changeover) with good success. I also added the 1uF tantalums across 4-11 pins on the op-amp chips to reduce noise there. All worked great. Yes FSK seems the way to go with narrow filters. That's why I'm curious re anyone claiming they can TX through 500hz filters with the afsk method as I cant (yet). Great site you have keep up the good work.

Adrian

de VK4TUX
----- Original Message -----
From: jduerbusch@...
To: TS-850_450_690@yahoogroups.com ; TS-850_450_690@yahoogroups.com
Sent: Thursday, June 09, 2005 11:00 PM
Subject: Re: Re: [TS-850_450_690] Re: RTTY on my 850...results

I take exception to Bill's statement that 'Most guys run AFSK on RTTY now;'. I dont believe this to be a true statement, maybe just a personal opinion. Yes some of the new kids coming over from PSK31 may do it for a while, but if they have a rig that has a FSK line for keying, they move over to it FSK shortly.

All you have to do is go over to psk31 and see the poor audio signals coming out of the soundcard.

Please if your rig has FSK use it!!

On my website I have several articles on how to hookup the TS-850/450 on FSK. On the Kenwood, in a menu setting, you need to change the default keying setting so get the FSK right side up. This is explained in the article.

Now I see Bill K0ZL on rtty from time to time and his signal is always nice and clean. so AFSK can work, but if your rig has FSK it should be used.

Joe K0BX
on rtty since 1975.

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[Non-text portions of this message have been removed]

# 3277. Re: [TS-850_450_690] pwr ts-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-10 11:33:10 UTC
From: Bill K0ZL
Topic: 3268  Message: 3277

The most that these will run and still maintain good
ALC action on 15 meters is about 115 watts.

Select 15 meters, FM mode on a dummy load; set the
meter to ALC and car and pwr controls full CW. Adjust
the ALC or output limit pot until ALC starts to
decrease from full scale and stop there. That is your
max power output, whatever it is.

If you never run 15 meters, you can run about 140
maximum on the 450 and 850. In this case, select 10
meters and do the adjustment as above.

The outputs will not be stressed even at 150.

bill

--- Rudi <py3to@...> wrote:

>
> Good afternoon!
>
> is Possible to increase power of 100 W for 150
> watts ts-450sat?
>
> Thanks & Godo Dx
>
> PY3TO Rudi
>
>
> _____
> Converse com seus amigos em tempo real com o Yahoo!
> Messenger
> http://br.download.yahoo.com/messenger/
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3278. Re: [TS-850_450_690] Re: RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-10 12:13:16 UTC
From: K0BX
Topic: 2020  Message: 3278

Hi Adrian, well this control is called 'Slope Tuning' and is the right bottom control on the front pannel. Sorry for me calling it the wrong thing.

BTW, you can set VFO A to 500 HZ for receive and VFO B to the wide position 2.8 KHZ for Xmit and go split.

Also on the hidden menu you can set a setting so that you can select the filter for XMit seperate from the Receive filter.

So many ways to 'skin the cat'.

Joe K0BX

VK4TUX wrote:
> Where is this control on the TS850s Joe? pls
>
> regards
>
> Adrian
>
> de VK4TUX
>
>
>
>
> " turn the bandpass tuning control to move the filter center to 1800HZ. Works well and can run 100 watts on PSK if need."
>

# 3279. Re: [TS-850_450_690] Re: RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-10 13:13:21 UTC
From: Paul Manuel
Topic: 2020  Message: 3279

--- vk4tux <vk4tux@...> wrote:
> Hi Paul, Yes the ext function TX filter function is enabled. Its not
> a problem with psk31 to TX on the dual 500hz filter setup, only with
> rtty afsk method I find is not getting through on TX.

I am sorry I caused confusion by answering a question I did not fully understand. Good luck & 73,
Paul K4PDM

_____
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Have fun online with music videos, cool games, IM and more. Check it out!
http://discover.yahoo.com/online.html

# 3280. Hidden Menu? - Was RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-10 19:14:16 UTC
From: Mark Saunders
Topic: 2020  Message: 3280

> Also on the hidden menu you can set a setting so that you can select
the
> filter for XMit seperate from the Receive filter.
>

I did not know the TS-850S had a hidden menu. How do I access it and
what options are on it?

Mark, KJ7BS

# 3281. Re: [TS-850_450_690] Re: RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-10 19:49:54 UTC
From: VK4TUX
Topic: 2020  Message: 3281

----- Original Message -----
From: K0BX
To: TS-850_450_690@yahoogroups.com
Sent: Friday, June 10, 2005 10:13 PM
Subject: Re: [TS-850_450_690] Re: RTTY on my 850...results

Hi Adrian, well this control is called 'Slope Tuning' and is the right bottom control on the front pannel. Sorry for me calling it the wrong thing.

vk4tux : I was thinking that :) But doesnt this control only control RX? How does it recentre the filter? I thought it just trimmed the bandpass edges in to tighten up on RX? Its not a IF shift is it? I still dont get it really. I use PSK deluxe and the prog is set to 1550 filter centre(within software) I TX around 1500 - 1800 tone mark . Outside this range is no good with the narrow filters. I move the vfo frequency to bring signals within my 1500 - 1800 operating window with narrow filters. Joe are you adjusting the low or high slope tune etc and really is this just to help your RX situation?

BTW, you can set VFO A to 500 HZ for receive and VFO B to the wide position 2.8 KHZ for Xmit and go split.

Also on the hidden menu you can set a setting so that you can select the filter for XMit seperate from the Receive filter.

vk4tux :Yes very aware of that one, Thats what I do to setup whatever tx and rx filter combination I want.

So many ways to 'skin the cat'.

Joe K0BX

[Non-text portions of this message have been removed]

# 3282. Re: [TS-850_450_690] Re: RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-10 20:01:17 UTC
From: VK4TUX
Topic: 2020  Message: 3282

Paul, All ok, I just was clarifying the situation, no need for apologies. I probably should have explained better up front.

73

Adrian

de VK4TUX

"I am sorry I caused confusion by answering a question I did not fully understand. Good luck & 73,
Paul K4PDM"

[Non-text portions of this message have been removed]

# 3283. Re: [TS-850_450_690] Hidden Menu? - Was RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-10 21:33:27 UTC
From: jduerbusch@charter.net
Topic: 2020  Message: 3283

There is a hidden menu, but it is explained in the TS-850S service manual.

Item number 2, which is off by default, when turned on will let you select which filter is enable during transmit.

So you can have the cw 500 hz filter on for rtty receive but you can have the ssb filter enable for transmit.

Here is the link:

http://www.mods.dk/view.php?ArticleId=792

The one station that I was unable to figure out what he was taking about, Paul, really had this answer. I just couldn't understand. Old German thick head!!!

So hope this helps.

Joe K0BX

Subject: [TS-850_450_690] Hidden Menu? - Was RTTY on my 850...results

> Also on the hidden menu you can set a setting so that you can select
the
> filter for XMit seperate from the Receive filter.
>

I did not know the TS-850S had a hidden menu. How do I access it and
what options are on it?

Mark, KJ7BS

Stop the insanity!
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# 3284. Re: [TS-850_450_690] Hidden Menu? - Was RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-10 22:18:58 UTC
From: VK4TUX
Topic: 2020  Message: 3284

re:Hidden menu's

menu for Ext functions; Turn Transceiver
ON whilst pressing SCAN key & TX-M.CH keys
Select with M.CH knob. Set value with up/down buttons, same as normal menu.

Menu 00: Indicates checksum of rom
Menu 01: Turns ON/OFF filter exchange at transmission
(above is the one we are talking about)
Menu 02: Forced ON/OFF AT power down
Menu 03: AT non-stop mode ON/OFF
Menu 04: MODE, FILTER of band memory ON/OFF
Menu 05: Power ON; ON/OFF for Hello Morse
Menu 06: Turns ON/OFF LCD full-On mode at power ON.
Menu 07: Turns ON/OFF DDS subtone
Menu 08: No description - default is OFF

There also is a menu for adjustment mode, This info is in the service manual downloadable from several sources on the net.

Adrian

de VK4TUX

I did not know the TS-850S had a hidden menu. How do I access it and
what options are on it?

Mark, KJ7BS

THANKS FOR USING TS-850_450_690@...

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[Non-text portions of this message have been removed]

# 3285. Re: Hidden Menu? - Was RTTY on my 850...results

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-11 01:36:37 UTC
From: Mark Saunders
Topic: 2020  Message: 3285

Thanks for the info. I will check it out.

Mark, KJ7BS

--- In TS-850_450_690@yahoogroups.com, "VK4TUX" <vk4tux@a...> wrote:
> re:Hidden menu's
>
> menu for Ext functions; Turn Transceiver
> ON whilst pressing SCAN key & TX-M.CH keys
> Select with M.CH knob. Set value with up/down buttons, same as
normal menu.
>
> Menu 00: Indicates checksum of rom
> Menu 01: Turns ON/OFF filter exchange at transmission
> (above is the one we are talking about)
> Menu 02: Forced ON/OFF AT power down
> Menu 03: AT non-stop mode ON/OFF
> Menu 04: MODE, FILTER of band memory ON/OFF
> Menu 05: Power ON; ON/OFF for Hello Morse
> Menu 06: Turns ON/OFF LCD full-On mode at power ON.
> Menu 07: Turns ON/OFF DDS subtone
> Menu 08: No description - default is OFF
>
>
> There also is a menu for adjustment mode, This info is in the
service manual downloadable from several sources on the net.
>
> Adrian
>
> de VK4TUX
>
>
>
> I did not know the TS-850S had a hidden menu. How do I access it
and
> what options are on it?
>
> Mark, KJ7BS
>
>
>
>
> THANKS FOR USING TS-850_450_690@Y...
>
>

>
>
> ------------------------------------------------------------------------
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>
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
>
> [Non-text portions of this message have been removed]

# 3286. Headset

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-12 21:24:07 UTC
From: Rudi
Topic: 3286  Message: 3286

Hello
Which headset that works better with ts-450?
Thank you!

PY3TO Rudi
Pelotas - RS
B R A S I L

http://geocities.yahoo.com.br/py3to/

[Non-text portions of this message have been removed]

# 3287. TS-450s Power On + ENT Menu #1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-12 22:34:10 UTC
From: wjdeegan
Topic: 3287  Message: 3287

Can anyone tell me what Menu step #1 does? I cannot find this documented in the operations manual. (Power On + ENT menu steps 02, 03, and 04, are documented on page 81 of the manual.)

Thanks in advance de K9XT

# 3288. Re: [TS-850_450_690] TS-450s Power On + ENT Menu #1

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-12 22:58:43 UTC
From: n7ioh
Topic: 3287  Message: 3288

Hi, the 01 is for AT-300 control, it is normally in the off position.

Al, N7IOH

wjdeegan wrote:

>Can anyone tell me what Menu step #1 does? I cannot find this
>documented in the operations manual. (Power On + ENT menu steps 02,
>03, and 04, are documented on page 81 of the manual.)
>
>Thanks in advance de K9XT
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3289. 450sat sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-13 09:57:09 UTC
From: Raynard Merritt
Topic: 3289  Message: 3289

Hi all I am selling my TS450SAT and it is listed on ebay. Item number 5781912877. I've only had it a short time, but I need dead presidents in a bad way. I need hip surgery and had to cease working. I'll probably get another one as soon as I get it back together. The 450 has been the best I've owned and I have had quite a few HF radios.

73 de Ray - N8VZL

# 3290. Re: 450sat sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-13 18:22:48 UTC
From: w9goc
Topic: 3289  Message: 3290

--- In TS-850_450_690@yahoogroups.com, "Raynard Merritt" <afa1lq@c...>
wrote:
> Hi all I am selling my TS450SAT and it is
> listed on ebay. Item number 5781912877.
> I've only had it a short time, but I need
> dead presidents in a bad way. I need hip
> surgery and had to cease working. I'll
> probably get another one as soon as I
> get it back together. The 450 has been the
> best I've owned and I have had quite a few
> HF radios.
>
> 73 de Ray - N8VZL

Ray,
if it is on ebay, the appropriate listing here is 'for auction'.
Secondly, if you are seeking 'dead presidents', 'PayPal only' limits
your prospective bidders.
Good luck,
Frederick

# 3291. FSK for TS450S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-14 03:56:59 UTC
From: yb2ecg
Topic: 3291  Message: 3291

Hello,

I would like working FSK RTTY for my TS450S, any
information for the interfacing scheme or any link will be much
appreciated.

Thanks you!
YB2ECG, Jon.
www.yc2ecg.blogspot.com

# 3292. 6 Meter antenna polarization

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-16 16:57:38 UTC
From: David Guretzki
Topic: 3292  Message: 3292

Hello. I'm using a TS690S with the 6 Meter option. I've just installed a dipole cut to 50.125. My question to the group is what your experience has been (pro and con) on whether it is better to install the dipole vertically or horizontally.

---
David Guretzki
VE5DLM
Caronport, SK
Canada

[Non-text portions of this message have been removed]

# 3293. at tuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-16 17:01:36 UTC
From: py3to
Topic: 3293  Message: 3293

My ts-450sat only connects in the automatic way (Auto), will be configuration problem?
Thanks

PY3TO - Rudi

# 3294. Re: [TS-850_450_690] 6 Meter antenna polarization

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-16 17:44:44 UTC
From: KD5SFA
Topic: 3292  Message: 3294

It sounds like you are planning to work the SSB portion of the band so I would orient the dipole horizintally since most SSB operations are using horizontal antennas. Now if the band is really open it won't matter much.

You may want to put up 2 horizontal dipoles...one facing east-west and the other facing north-south so that you can switch between them for some directivity based upon which direction the other party in the QSO is located.

You can also build a small 3 element beam from 1/2" copper pipe that work very well....direct connect and can be turned by a tv antenna rotor. Also a moxon rectangle (basically a shortened 2 element yagi) is also an inexpensive antenna made from 1/2" copper tubing and is also direct connect.

If you are planning to operate AM or FM then vertical is the way to go.

Hope this helps some....

73,
Jon
KD5SFA

-----Original Message-----
From: David Guretzki <dguretzki@...>
Sent: Jun 16, 2005 12:57 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] 6 Meter antenna polarization

Hello. I'm using a TS690S with the 6 Meter option. I've just installed a dipole cut to 50.125. My question to the group is what your experience has been (pro and con) on whether it is better to install the dipole vertically or horizontally.

---
David Guretzki
VE5DLM
Caronport, SK
Canada

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3295. Re: [TS-850_450_690] 6 Meter antenna polarization

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-17 06:06:00 UTC
From: Bill K0ZL
Topic: 3292  Message: 3295

On 6M skip, it doesn't matter; only with local ground
wave stations, you will want to have same polarization
as they do, usually horizontal for SSB, vertical for
FM.

bill

--- David Guretzki <dguretzki@...> wrote:

> Hello. I'm using a TS690S with the 6 Meter option.
> I've just installed a
> dipole cut to 50.125. My question to the group is
> what your experience has
> been (pro and con) on whether it is better to
> install the dipole vertically
> or horizontally.
>
> --------------------
> David Guretzki
> VE5DLM
> Caronport, SK
> Canada
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3296. Headset PC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-17 16:47:48 UTC
From: py3to
Topic: 3296  Message: 3296

Hello

necessary project to use headset computer in ts-450.

Thanks!

PY3TO
Rudi

# 3297. RE: [TS-850_450_690] 6 Meter antenna polarization

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-17 17:30:30 UTC
From: David Guretzki
Topic: 3292  Message: 3297

Thanks to those who responded. I've started with a single horizontal installation oriented north/south since I am in Saskatchewan, Canada (grid DO70) and expect I will hear more 6M operation south of the 49th than to either the west or east of me.

While I'm asking, does anyone know of a good grid map available online that covers both Canada and US? I've seen the ARRL one, but it is only US.

David
VE5DLM

---

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Bill K0ZL
Sent: Friday, June 17, 2005 12:06 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] 6 Meter antenna polarization
[html][mx][spf][heur]

On 6M skip, it doesn't matter; only with local ground wave stations, you will want to have same polarization as they do, usually horizontal for SSB, vertical for FM.

bill

--- David Guretzki <dguretzki@...> wrote:

> Hello. I'm using a TS690S with the 6 Meter option.
> I've just installed a
> dipole cut to 50.125. My question to the group is
> what your experience has
> been (pro and con) on whether it is better to
> install the dipole vertically
> or horizontally.
>
> --------------------
> David Guretzki
> VE5DLM
> Caronport, SK
> Canada
>
>
>
> [Non-text portions of this message have been
> removed]

>
>

When in doubt, MODIFY...

THANKS FOR USING TS-850_450_690@...

---

Yahoo! Groups Links

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http://groups.yahoo.com/group/TS-850_450_690/
<http://groups.yahoo.com/group/TS-850_450_690/>

* To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
<http://docs.yahoo.com/info/terms/> .

[Non-text portions of this message have been removed]

# 3298. YG-455CN schematic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-18 00:28:54 UTC
From: vk4tux
Topic: 3298  Message: 3298

Hello OM's,
Trying to find a pcb service pictorial or schematic for this 250hz filter I have purchased, but have found defective. Any info appreciated please, and I have done extensive google searching :). Also Bill (As I know you have this setup); Do you find the 500hz 8.83 *window is in a offset position as compared to a 500hz 455 filter; ie as viewed RX on a *psk waterfall window. Hence such that the two filter edges aren't inline and the result window is less than 500hz. I checked slopetune alignment etc and all is ok there.( I have the SM :)) Maybe this is normal just wondered. Perhaps IF alignment ?

regards

Adrian

de VK4TUX

# 3299. Re: [TS-850_450_690] Headset PC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-18 01:32:11 UTC
From: Bill K0ZL
Topic: 3296  Message: 3299

hi Rudi,

Are you asking about how to use a headset and a
computer sound card with the ts-450?

bill

--- py3to <py3to@...> wrote:

> Hello
>
> necessary project to use headset computer in
> ts-450.
>
> Thanks!
>
> PY3TO
> Rudi
>
>
>

When in doubt, MODIFY...

# 3300. Re: [TS-850_450_690] YG-455CN schematic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-18 03:27:13 UTC
From: Bill K0ZL
Topic: 3298  Message: 3300

HI Adrian,

No I have not noticed a problem with any bandpass
offsets on the filters; however, when I was running
RTTY, I found slightly better copy on noisy sigs by
dropping the high cut just a bit; like 2 notches. This
seemed to help by broadening the skirts just a little
and the PK232 liked that a lot.

Bill

--- vk4tux <vk4tux@...> wrote:

> Hello OM's,
> Trying to find a pcb service pictorial or schematic
> for this 250hz
> filter I have purchased, but have found defective.
> Any info appreciated
> please, and I have done extensive google searching
> :). Also Bill (As I
> know you have this setup); Do you find the 500hz
> 8.83 *window is in a
> offset position as compared to a 500hz 455 filter;
> ie as viewed RX on a
> *psk waterfall window. Hence such that the two
> filter edges aren't
> inline and the result window is less than 500hz. I
> checked slopetune
> alignment etc and all is ok there.( I have the SM
> :)) Maybe this is
> normal just wondered. Perhaps IF alignment ?
>
> regards
>
> Adrian
>
> de VK4TUX
>
>
>

When in doubt, MODIFY...

# 3301. Re: [TS-850_450_690] Headset PC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-18 12:45:17 UTC
From: Rudi
Topic: 3296  Message: 3301

Hello Bill

not, only headset direct in the TS-450
(headset used in computer)
Thanks

PY3TO - Rudi

Bill K0ZL <coorsbill@...> escreveu:
hi Rudi,

Are you asking about how to use a headset and a
computer sound card with the ts-450?

bill

--- py3to <py3to@...> wrote:

> Hello
>
> necessary project to use headset computer in
> ts-450.
>
> Thanks!
>
> PY3TO
> Rudi
>
>
>

When in doubt, MODIFY...

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---
Converse com seus amigos em tempo real com o Yahoo! Messenger

http://br.download.yahoo.com/messenger/

[Non-text portions of this message have been removed]

# 3302. Mint TS-850 SAT For Sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-18 15:55:06 UTC
From: Joe Moraine
Topic: 3302  Message: 3302

I have a Mint Kenwood TS-850 SAT for sale in the DFW area only. I bought this radio new and it has LESS than 10 hours transmit time on it. It has been used very sparingly. No mods or circuit changes have been made to this radio...it is like it came from the factory. Manual and Schematics included. There are no scratches, marks, or dings on it whatsoever. Works like new. 60 million serial number. For pickup only in the Dallas-Ft. Worth area of North Texas. $795 Pickup only.

# 3303. Re: [TS-850_450_690] Headset PC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-18 19:30:29 UTC
From: Bill K0ZL
Topic: 3296  Message: 3303

ok so you want to connect your computer headset to the
450 through an adapter? That is brilliant!

Anyone have info on this? would be a very inexpensive
way to get a headset for ham gear in general.

bill K0ZL

--- Rudi <py3to@...> wrote:

> Hello Bill
>
>
> not, only headset direct in the TS-450
> (headset used in computer)
> Thanks
>
> PY3TO - Rudi
>
> Bill K0ZL <coorsbill@...> escreveu:
> hi Rudi,
>
> Are you asking about how to use a headset and a
> computer sound card with the ts-450?
>
> bill
>
> --- py3to <py3to@...> wrote:
>
> > Hello
> >
> > necessary project to use headset computer in
> > ts-450.
> >
> > Thanks!
> >
> > PY3TO
> > Rudi
> >
> >
> >
>
>
>
> When in doubt, MODIFY...
>

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> THANKS FOR USING TS-850_450_690@...
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> ---------------------------------
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
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>
> Your use of Yahoo! Groups is subject to the
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>
>
> ~-------------------------------------------------~
> Converse com seus amigos em tempo real com o Yahoo!
> Messenger
> http://br.download.yahoo.com/messenger/
>
> [Non-text portions of this message have been
> removed]
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When in doubt, MODIFY...

# 3304. Re: [TS-850_450_690] Headset PC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-18 19:37:02 UTC
From: KD5NWA
Topic: 3296  Message: 3304

Radio Shack carries adapter from the 1/4" phono plug on the radio to a subminiature plug for the phones.

This is done all the time folks.

At 02:30 PM 6/18/2005, you wrote:
>ok so you want to connect your computer headset to the
>450 through an adapter? That is brilliant!
>
>Anyone have info on this? would be a very inexpensive
>way to get a headset for ham gear in general.
>
>bill K0ZL
>
>--- Rudi <py3to@...> wrote:
>
> > Hello Bill
> >
> >
> > not, only headset direct in the TS-450
> > (headset used in computer)
> > Thanks
> >
> > PY3TO - Rudi
> >
> > Bill K0ZL <coorsbill@...> escreveu:
> > hi Rudi,
> >
> > Are you asking about how to use a headset and a
> > computer sound card with the ts-450?
> >
> > bill
> >
> > --- py3to <py3to@...> wrote:
> >
> > > Hello
> > >
> > > necessary project to use headset computer in
> > > ts-450.
> > >
> > > Thanks!
> > >
> > > PY3TO
> > > Rudi
> > >

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> >
> > When in doubt, MODIFY...
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> > THANKS FOR USING TS-850_450_690@...
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> >
> > ---
> > Yahoo! Groups Links
> >
> > To visit your group on the web, go to:
> > http://groups.yahoo.com/group/TS-850_450_690/
> >
> > To unsubscribe from this group, send an email to:
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> >
> > Your use of Yahoo! Groups is subject to the
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> >
> >
> > _____
> > Converse com seus amigos em tempo real com o Yahoo!
> > Messenger
> > http://br.download.yahoo.com/messenger/
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> > [Non-text portions of this message have been
> > removed]
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>When in doubt, MODIFY...
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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>--
>No virus found in this incoming message.
>Checked by AVG Anti-Virus.
>Version: 7.0.323 / Virus Database: 267.7.8/22 - Release Date: 6/17/2005

Cecil Bayona
KD5NWA
www.qrpradio.com

'Never argue with an idiot. They drag you down to their level then beat you
with experience.'

# 3305. Re: [TS-850_450_690] Headset PC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-18 20:37:09 UTC
From: Leon
Topic: 3296  Message: 3305

Hi all
I did it with my ts850, good modulation special for DX lot of high tone. Be only carefull if you use pc headset and amplifier with RF problem
IZØEHO Andrea
www.iz0eho.com
----- Original Message -----
From: Bill K0ZL
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, June 18, 2005 9:30 PM
Subject: Re: [TS-850_450_690] Headset PC

ok so you want to connect your computer headset to the
450 through an adapter? That is brilliant!

Anyone have info on this? would be a very inexpensive
way to get a headset for ham gear in general.

bill K0ZL

--- Rudi <py3to@yahoo.com.br> wrote:

> Hello Bill
>
>
> not, only headset direct in the TS-450
> (headset used in computer)
> Thanks
>
> PY3TO - Rudi
>
> Bill K0ZL <coorsbill@...> escreveu:
> hi Rudi,
>
> Are you asking about how to use a headset and a
> computer sound card with the ts-450?
>
> bill
>
> --- py3to <py3to@....br> wrote:
>
> > Hello
> >
> > necessary project to use headset computer in
> > ts-450.
> >
> > Thanks!

> >
> > PY3TO
> > Rudi
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> When in doubt, MODIFY...
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> THANKS FOR USING TS-850_450_690@YAHOOGROUPS.COM
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> ---------------------------------
> Yahoo! Groups Links
>
> To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
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> To unsubscribe from this group, send an email to:
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> Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
>
>
> ------------------------------------------------
> Converse com seus amigos em tempo real com o Yahoo!
> Messenger
> http://br.download.yahoo.com/messenger/
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

THANKS FOR USING TS-850_450_690@...

---

Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 3306. Re: [TS-850_450_690] YG-455CN schematic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-18 20:52:06 UTC
From: VK4TUX
Topic: 3298  Message: 3306

Hi Bill,
Is everyone on the list moderated or just me? Its strange I received a answer to my question before the question itself? I guess I must be considered a loose gun for saying it like it is.

regards

Adrian

de VK4TUX
----- Original Message -----
From: vk4tux
To: TS-850_450_690@yahoogroups.com
Sent: Saturday, June 18, 2005 10:28 AM
Subject: [TS-850_450_690] YG-455CN schematic

[Non-text portions of this message have been removed]

# 3307. Re: [TS-850_450_690] YG-455CN schematic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-18 22:42:43 UTC
From: KD5NWA
Topic: 3298  Message: 3307

Too much paranoia.

If your email was not sent out, how did people figured it out to send you an answer? Most likely your one email asking for help got delayed on the way to your mailbox and not other persons.

At 03:52 PM 6/18/2005, you wrote:
>Hi Bill,
> Is everyone on the list moderated or just me? Its strange I
> received a answer to my question before the question itself? I guess I
> must be considered a loose gun for saying it like it is.
>
>regards
>
>Adrian
>
>de VK4TUX
> ----- Original Message -----
> From: vk4tux
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, June 18, 2005 10:28 AM
> Subject: [TS-850_450_690] YG-455CN schematic
>
>
>
>[Non-text portions of this message have been removed]
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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>--
>No virus found in this incoming message.
>Checked by AVG Anti-Virus.
>Version: 7.0.323 / Virus Database: 267.7.8/22 - Release Date: 6/17/2005

Cecil Bayona
KD5NWA

www.qrpradio.com

'Never argue with an idiot. They drag you down to their level then beat you with experience.'

# 3308. Re: [TS-850_450_690] YG-455CN schematic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-18 22:49:22 UTC
From: VK4TUX
Topic: 3298  Message: 3308

Fine
----- Original Message -----
From: KD5NWA
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, June 19, 2005 8:42 AM
Subject: Re: [TS-850_450_690] YG-455CN schematic

Too much paranoia.

[Non-text portions of this message have been removed]

# 3309. Re: [TS-850_450_690] Headset PC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-19 00:51:31 UTC
From: Bill K0ZL
Topic: 3296  Message: 3309

I don't think the mic on the headset will work through
the phones jack.

b

--- KD5NWA <KD5NWA@...> wrote:

> Radio Shack carries adapter from the 1/4" phono plug
> on the radio to a
> subminiature plug for the phones.
>
> This is done all the time folks.
>
> At 02:30 PM 6/18/2005, you wrote:
> >ok so you want to connect your computer headset to
> the
> >450 through an adapter? That is brilliant!
> >
> >Anyone have info on this? would be a very
> inexpensive
> >way to get a headset for ham gear in general.
> >
> >bill K0ZL
> >
> >--- Rudi <py3to@...> wrote:
> >
> > > Hello Bill
> > >
> > >
> > > not, only headset direct in the TS-450
> > > (headset used in computer)
> > > Thanks
> > >
> > > PY3TO - Rudi
> > >
> > > Bill K0ZL <coorsbill@...> escreveu:
> > > hi Rudi,
> > >
> > > Are you asking about how to use a headset and a
> > > computer sound card with the ts-450?
> > >
> > > bill
> > >
> > > --- py3to <py3to@...> wrote:
> > >
> > > > Hello

> > > >
> > > > necessary project to use headset computer in
> > > > ts-450.
> > > >
> > > > Thanks!
> > > >
> > > > PY3TO
> > > > Rudi
> > > >
> > > >
> > > >
> > >
> > >
> > >
> > > When in doubt, MODIFY...
> > >
> > >
> > >
> > >
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> > >
> > >
> > > THANKS FOR USING TS-850_450_690@...
> > >
> > >
> > >
> > > ---------------------------------
> > > Yahoo! Groups Links
> > >
> > > To visit your group on the web, go to:
> > > http://groups.yahoo.com/group/TS-850_450_690/
> > >
> > > To unsubscribe from this group, send an email
> to:
> > > TS-850_450_690-unsubscribe@yahoogroups.com
> > >
> > > Your use of Yahoo! Groups is subject to the
> > > Yahoo! Terms of Service.
> > >
> > >
> > >
> _____________________________________________________
> > > Converse com seus amigos em tempo real com o
> Yahoo!
> > > Messenger
> > > http://br.download.yahoo.com/messenger/
> > >
> > > [Non-text portions of this message have been
> > > removed]
> > >

> > >
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> >
> >When in doubt, MODIFY...
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> >
> >
> >
> >THANKS FOR USING TS-850_450_690@...
> >Yahoo! Groups Links
> >
> >
> >
> >
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> >
> >
> >
> >--
> >No virus found in this incoming message.
> >Checked by AVG Anti-Virus.
> >Version: 7.0.323 / Virus Database: 267.7.8/22 -
> Release Date: 6/17/2005
>
> Cecil Bayona
> KD5NWA
> www.qrpradio.com
>
> 'Never argue with an idiot. They drag you down to
> their level then beat you
> with experience.'
>
>
>

When in doubt, MODIFY...

# 3310. Re: [TS-850_450_690] Headset PC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-19 00:52:19 UTC
From: Bill K0ZL
Topic: 3296  Message: 3310

Andrea,

What circuit did you use for that? The headset is a
condenser mic and I think the 850 etc wants a dynamic
mic.

bill

--- Leon <leon2000@...> wrote:

> Hi all
> I did it with my ts850, good modulation special for
> DX lot of high tone. Be only carefull if you use pc
> headset and amplifier with RF problem
> IZ?EHO Andrea
> www.iz0eho.com
> ----- Original Message -----
> From: Bill K0ZL
> To: TS-850_450_690@yahoogroups.com
> Sent: Saturday, June 18, 2005 9:30 PM
> Subject: Re: [TS-850_450_690] Headset PC
>
>
> ok so you want to connect your computer headset to
> the
> 450 through an adapter? That is brilliant!
>
> Anyone have info on this? would be a very
> inexpensive
> way to get a headset for ham gear in general.
>
> bill K0ZL
>
> --- Rudi <py3to@...> wrote:
>
> > Hello Bill
> >
> >
> > not, only headset direct in the TS-450
> > (headset used in computer)
> > Thanks
> >
> > PY3TO - Rudi
> >
> > Bill K0ZL <coorsbill@...> escreveu:
> > hi Rudi,

> >
> > Are you asking about how to use a headset and a
> > computer sound card with the ts-450?
> >
> > bill
> >
> > --- py3to <py3to@...> wrote:
> >
> > > Hello
> > >
> > > necessary project to use headset computer in
> > > ts-450.
> > >
> > > Thanks!
> > >
> > > PY3TO
> > > Rudi
> > >
> > >
> > >
> >
> >
> >
> > When in doubt, MODIFY...
> >
> >
> >
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> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> >
> >
> >
> > ---------------------------------
> > Yahoo! Groups Links
> >
> > To visit your group on the web, go to:
> > http://groups.yahoo.com/group/TS-850_450_690/
> >
> > To unsubscribe from this group, send an email
> to:
> > TS-850_450_690-unsubscribe@yahoogroups.com
> >
> > Your use of Yahoo! Groups is subject to the
> > Yahoo! Terms of Service.
> >
> >
> >

> _____
> > Converse com seus amigos em tempo real com o
> Yahoo!
> > Messenger
> > http://br.download.yahoo.com/messenger/
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
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>
> When in doubt, MODIFY...
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>
> THANKS FOR USING TS-850_450_690@...
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>
---
> Yahoo! Groups Links
>
> a.. To visit your group on the web, go to:
> http://groups.yahoo.com/group/TS-850_450_690/
>
> b.. To unsubscribe from this group, send an
> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3311. Re: [TS-850_450_690] Headset PC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-19 02:10:13 UTC
From: K0BX
Topic: 3296  Message: 3311

I used a computer mike/headset with my TS-850 for a long time. What you have to do is take the 8 volts off the mike jack to work the mike but you need a cap. and resistor to block the voltage off the element itself. There was an article in QST years back on using the Radio Shack Mike element and I believe it is in the ARRL Handbook. I found it in my 1998 ARRL Handbook page 22.29 called an "Inexpensive Amplified boom/Headset Mike.

It shows the connection to a 8 pin Kenwood TS-440S mike plug which is the same as the Kenwood TS-850S.

I used the circuit with a Computer Headset with excellent results.

I hope this is what you are looking for.

Joe K0BX

Bill K0ZL wrote:
> I don't think the mic on the headset will work through
> the phones jack.
>
> b
>
>
> --- KD5NWA <KD5NWA@...> wrote:
>
>
>>Radio Shack carries adapter from the 1/4" phono plug
>>on the radio to a
>>subminiature plug for the phones.
>>
>>This is done all the time folks.
>>
>>At 02:30 PM 6/18/2005, you wrote:
>>
>>>ok so you want to connect your computer headset to
>>
>>the
>>
>>>450 through an adapter? That is brilliant!
>>>
>>>Anyone have info on this? would be a very
>>
>>inexpensive
>>
>>way to get a headset for ham gear in general.

>>>
>>>bill K0ZL
>>>
>>>--- Rudi <py3to@...> wrote:
>>>
>>>
>>>> Hello Bill
>>>>
>>>>
>>>>not, only headset direct in the TS-450
>>>>(headset used in computer)
>>>> Thanks
>>>>
>>>> PY3TO - Rudi
>>>>
>>>>Bill K0ZL <coorsbill@...> escreveu:
>>>>hi Rudi,
>>>>
>>>>Are you asking about how to use a headset and a
>>>>computer sound card with the ts-450?
>>>>
>>>>bill
>>>>
>>>>--- py3to <py3to@...> wrote:
>>>>
>>>>
>>>>> Hello
>>>>>
>>>>> necessary project to use headset computer in
>>>>>ts-450.
>>>>>
>>>>> Thanks!
>>>>>
>>>>>PY3TO
>>>>>Rudi
>>>>>
>>>>>
>>>>>
>>>>
>>>>
>>>>
>>>>>When in doubt, MODIFY...
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>>>>
>>>>
>>>>
>>>>
>>>>
>>>>>THANKS FOR USING TS-850_450_690@...

>>>>
>>>>
>>>>
>>>>---------------------------------
>>>>Yahoo! Groups Links
>>>>
>>>> To visit your group on the web, go to:
>>>>http://groups.yahoo.com/group/TS-850_450_690/
>>>>
>>>> To unsubscribe from this group, send an email
>>
>>to:
>>
>>>>TS-850_450_690-unsubscribe@yahoogroups.com
>>>>
>>>> Your use of Yahoo! Groups is subject to the
>>>>Yahoo! Terms of Service.
>>>>
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>>
>>_____________________________________________
>>
>>>>Converse com seus amigos em tempo real com o
>>
>>Yahoo!
>>
>>>>Messenger
>>>>http://br.download.yahoo.com/messenger/
>>>>
>>>>[Non-text portions of this message have been
>>>>removed]
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>>>When in doubt, MODIFY...
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>>>THANKS FOR USING TS-850_450_690@...
>>>Yahoo! Groups Links
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>>>--
>>>No virus found in this incoming message.
>>>Checked by AVG Anti-Virus.
>>>Version: 7.0.323 / Virus Database: 267.7.8/22 -
>>
>>Release Date: 6/17/2005
>>
>>Cecil Bayona
>>KD5NWA
>>www.qrpradio.com
>>
>>'Never argue with an idiot. They drag you down to
>>their level then beat you
>>with experience.'
>>
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> When in doubt, MODIFY...
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>

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Stop the insanity!
Please do not add me to any distribution lists (Joke, Stories or Junk)
without my permission.

# 3312. Re: Headset PC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-20 16:08:00 UTC
From: max_ve3tmt
Topic: 3296  Message: 3312

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> ok so you want to connect your computer headset to the
> 450 through an adapter? That is brilliant!
>
> Anyone have info on this? would be a very inexpensive
> way to get a headset for ham gear in general.
>
> bill K0ZL

I have made many headsets mic combos up for my TS850. I use a Plantronics A40 headset available at any Staples and through a biasing resistor and DC blocking capacitor in the 8 pin mic plug it is very easy to do. Pin 6 on the mic plug is not used so I usually wire the speaker audio up to that pin. This way one plugs does all, just stick a dummy 1/4" plug into the headphone jack to mute your speaker. VOX has never worked better.

Max

# 3313. Re: Headset PC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-20 22:28:48 UTC
From: Mark Saunders
Topic: 3296  Message: 3313

Could you post it to the files section here, please. I would like to do this for my 850, too.

Mark, KJ7BS

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> > ok so you want to connect your computer headset to the
> > 450 through an adapter? That is brilliant!
> >
> > Anyone have info on this? would be a very inexpensive
> > way to get a headset for ham gear in general.
> >
> > bill K0ZL
>
> I have made many headsets mic combos up for my TS850. I use a
> Plantronics A40 headset available at any Staples and through a biasing
> resistor and DC blocking capacitor in the 8 pin mic plug it is very
> easy to do. Pin 6 on the mic plug is not used so I usually wire the
> speaker audio up to that pin. This way one plugs does all, just stick
> a dummy 1/4" plug into the headphone jack to mute your speaker. VOX
> has never worked better.
>
> Max

# 3314. Re: Headset PC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-21 12:31:59 UTC
From: max_ve3tmt
Topic: 3296  Message: 3314

--- In TS-850_450_690@yahoogroups.com, "Mark Saunders" <kj7bs@y...> wrote:
> Could you post it to the files section here, please. I would like to
> do this for my 850, too.
>
> Mark, KJ7BS

As soon as I have some time Mark I'll put it on.

Max

# 3315. TS690 Computer interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-21 17:35:10 UTC
From: David Guretzki
Topic: 3315  Message: 3315

I am wondering what people on the list have used to interface the TS690 with their personal computers other than the stock Kenwood IF-232S interface. Have you found a suitable (and cheaper and available!) replacement? I have a Pentium laptop with a 9 Pin serial port that I would like to use along with the Ham Radio Deluxe software.

Thanks.

David Guretzki
VE5DLM

[Non-text portions of this message have been removed]

# 3316. pj-4y cable

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-21 19:28:09 UTC
From: Denis O' Flynn
Topic: 3316  Message: 3316

Hi folks

Anybody on the list make up a comparable PJ-4Y cable for the Kenwood H/H?

Have searched the net but have not come across a site.
Any help appreciated

de Denis EI6HB

# 3317. Re: [TS-850_450_690] TS690 Computer interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-21 20:01:31 UTC
From: Ken Newman
Topic: 3315  Message: 3317

I have used the W1GEE interfaces for the TS850 and and another for an Icom rig. It can be found and
ordered at http://www.hosenose.com/interfaces.asp and others. No power supply required.
de Ken N2CQ
----- Original Message -----
From: David Guretzki
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, June 21, 2005 1:35 PM
Subject: [TS-850_450_690] TS690 Computer interface

I am wondering what people on the list have used to interface the TS690 with
their personal computers other than the stock Kenwood IF-232S interface.
Have you found a suitable (and cheaper and available!) replacement? I have a
Pentium laptop with a 9 Pin serial port that I would like to use along with
the Ham Radio Deluxe software.

Thanks.

David Guretzki
VE5DLM

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

---
Yahoo! Groups Links

a.. To visit your group on the web, go to:
http://groups.yahoo.com/group/TS-850_450_690/

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

[Non-text portions of this message have been removed]

# 3318. Re: [TS-850_450_690] TS690 Computer interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-21 18:50:13 UTC
From: Paul Erickson
Topic: 3315  Message: 3318

Check the following link for an interface used with ts850 and ts940,

http://www.mods.dk/view.php?ArticleId=805

I don't know anything about the ts690, so don't know if you require
additional internal circuitry.

cheers, Paul

David Guretzki wrote:
> I am wondering what people on the list have used to interface the TS690 with
> their personal computers other than the stock Kenwood IF-232S interface.
> Have you found a suitable (and cheaper and available!) replacement? I have a
> Pentium laptop with a 9 Pin serial port that I would like to use along with
> the Ham Radio Deluxe software.
>
> Thanks.
>
> David Guretzki
> VE5DLM
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>

--
---
cheers, Paul - VA7NT - email: va7nt@...

"Those who hear not the music, think the dancers mad."

# 3319. Headset

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-22 16:44:28 UTC
From: Rudi
Topic: 3286  Message: 3319

Project headset that it was sent me by friend
I did not test!

73

PY3TO
Rudi

---
Yahoo! Acesso Grátis: Internet rápida e grátis. Instale o discador agora!

[Non-text portions of this message have been removed]

# 3320. Re: [TS-850_450_690] TS690 Computer interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-24 16:20:42 UTC
From: Marek sp6nij
Topic: 3315  Message: 3320

Hallo David,

I've made one for my TS690s and it is excelent. Look at
http://www.hamlan.org/tech/kenwood232/knw232.htm for details.
I connected my circuit in a DB9 box. Not tested with HRD but should
work. It's very simple - worth to try to make one.
Marek
SP6NIJ

DG> I am wondering what people on the list have used to interface the TS690 with
DG> their personal computers other than the stock Kenwood IF-232S interface.
DG> Have you found a suitable (and cheaper and available!) replacement? I have a
DG> Pentium laptop with a 9 Pin serial port that I would like to use along with
DG> the Ham Radio Deluxe software.

DG> Thanks.

DG> David Guretzki
DG> VE5DLM

DG> [Non-text portions of this message have been removed]

DG> THANKS FOR USING TS-850_450_690@...
DG> Yahoo! Groups Links

---
OMNIXMAIL! Jesli masz telefon w sieci Era i dostep do WAP, to mozesz
na komorce odbierac poczte ze wszystkich swoich kont poczty e-mail!
OMNIXMAIL jest w Era Omnix: http://link.interia.pl/f1896

# 3321. Molex connector part #

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-25 04:07:10 UTC
From: n7ioh
Topic: 3321  Message: 3321

Hi all, I have gone through my Mouser catalog and looked at the
Molex web site trying to figure out the part number of the Molex plug
that is on the power cord of the TS-450's & TS-690's. I bought a used
IC-730 and it uses the same plug but it did not have the power cord with
it when I bought it. I now want to make my own power cord and just need
to find a number for the Molex plug.
Thanks, Al, N7IOH

# 3322. Re: [TS-850_450_690] Molex connector part #

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-25 12:24:37 UTC
From: Zack Widup
Topic: 3321  Message: 3322

On Fri, 24 Jun 2005, n7ioh wrote:

> Hi all, I have gone through my Mouser catalog and looked at the
> Molex web site trying to figure out the part number of the Molex plug
> that is on the power cord of the TS-450's & TS-690's. I bought a used
> IC-730 and it uses the same plug but it did not have the power cord with
> it when I bought it. I now want to make my own power cord and just need
> to find a number for the Molex plug.
> Thanks, Al, N7IOH
>
>

It is not a standard Molex plug. I bought one at a hamfest a couple months ago, so I know they are available. But that is the one thing, if any, that has irritated me about the Kenwood rigs I have. I wanted to use my TS-440 out in the field a few years ago and didn't have one of those plugs, so I used clip leads on the connector on the rig. They got a little toasty on transmit! :-)

73, Zack W9SZ

# 3323. Re: [TS-850_450_690] Molex connector part #

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-25 12:53:58 UTC
From: ve3wej
Topic: 3321  Message: 3323

the connectors and power cords are always been found by me for around 15-20 dollars. i do beleive that buxcomm sells the connectors and/or cables also..... www.packetradio.com

Ve3wej/Ve3ie
Dave Garber

----- Original Message -----
From: "Zack Widup" <w9sz@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, June 25, 2005 8:24 AM
Subject: Re: [TS-850_450_690] Molex connector part #

> On Fri, 24 Jun 2005, n7ioh wrote:
>
> > Hi all, I have gone through my Mouser catalog and looked at the
> > Molex web site trying to figure out the part number of the Molex plug
> > that is on the power cord of the TS-450's & TS-690's. I bought a used
> > IC-730 and it uses the same plug but it did not have the power cord with
> > it when I bought it. I now want to make my own power cord and just need
> > to find a number for the Molex plug.
> > Thanks, Al, N7IOH
> >
> >
>
> It is not a standard Molex plug. I bought one at a hamfest a couple
> months ago, so I know they are available. But that is the one thing, if
> any, that has irritated me about the Kenwood rigs I have. I wanted to use
> my TS-440 out in the field a few years ago and didn't have one of those
> plugs, so I used clip leads on the connector on the rig. They got a
> little toasty on transmit! :-)
>
> 73, Zack W9SZ
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
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>
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>

# 3324. Re: [TS-850_450_690] Molex connector part #

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-25 13:06:10 UTC
From: ve3wej
Topic: 3321  Message: 3324

http://packetradio.com/powercords.htm

to be specific

Ve3wej/Ve3ie
Dave Garber

# 3325. Re: [TS-850_450_690] Molex connector part #

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-27 12:23:24 UTC
From: Bill K0ZL
Topic: 3321  Message: 3325

MFJ's power cable is the least expensive I have found;

MFJ-5535 12.95 RETAIL
http://www.mfjenterprises.com/products.php?prodid=MFJ-5535

73,

BILL

--- ve3wej <ve3wej@...> wrote:

> the connectors and power cords are always been found
> by me for around 15-20
> dollars. i do beleive that buxcomm sells the
> connectors and/or cables
> also..... www.packetradio.com
>
>
> Ve3wej/Ve3ie
> Dave Garber
>
> ----- Original Message -----
> From: "Zack Widup" <w9sz@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Saturday, June 25, 2005 8:24 AM
> Subject: Re: [TS-850_450_690] Molex connector part #
>
>
> > On Fri, 24 Jun 2005, n7ioh wrote:
> >
> > > Hi all, I have gone through my Mouser
> catalog and looked at the
> > > Molex web site trying to figure out the part
> number of the Molex plug
> > > that is on the power cord of the TS-450's &
> TS-690's. I bought a used
> > > IC-730 and it uses the same plug but it did not
> have the power cord with
> > > it when I bought it. I now want to make my own
> power cord and just need
> > > to find a number for the Molex plug.
> > > Thanks, Al, N7IOH
> > >
> > >
> >
> > It is not a standard Molex plug. I bought one at

> a hamfest a couple
> > months ago, so I know they are available. But that
> is the one thing, if
> > any, that has irritated me about the Kenwood rigs
> I have. I wanted to use
> > my TS-440 out in the field a few years ago and
> didn't have one of those
> > plugs, so I used clip leads on the connector on
> the rig. They got a
> > little toasty on transmit! :-)
> >
> > 73, Zack W9SZ
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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>

When in doubt, MODIFY...

# 3326. Re: [TS-850_450_690] Molex connector part #

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-27 13:20:37 UTC
From: ve3wej
Topic: 3321  Message: 3326

click on the link and it says 14.95, so I guess it depends on the shipping
charges, if any.

----- Original Message -----
From: "Bill K0ZL" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, June 27, 2005 8:23 AM
Subject: Re: [TS-850_450_690] Molex connector part #

> MFJ's power cable is the least expensive I have found;
>
>
> MFJ-5535 12.95 RETAIL
> http://www.mfjenterprises.com/products.php?prodid=MFJ-5535
>
> 73,
>
> BILL
>
> --- ve3wej <ve3wej@...> wrote:
>
> > the connectors and power cords are always been found
> > by me for around 15-20
> > dollars. i do beleive that buxcomm sells the
> > connectors and/or cables
> > also..... www.packetradio.com
> >
> >
> > Ve3wej/Ve3ie
> > Dave Garber
> >
> > ----- Original Message -----
> > From: "Zack Widup" <w9sz@...>
> > To: <TS-850_450_690@yahoogroups.com>
> > Sent: Saturday, June 25, 2005 8:24 AM
> > Subject: Re: [TS-850_450_690] Molex connector part #
> >
> >
> > > On Fri, 24 Jun 2005, n7ioh wrote:
> > >
> > > > Hi all, I have gone through my Mouser
> > catalog and looked at the
> > > > Molex web site trying to figure out the part
> > number of the Molex plug
> > > > that is on the power cord of the TS-450's &

> > TS-690's. I bought a used
> > > > IC-730 and it uses the same plug but it did not
> > have the power cord with
> > > > it when I bought it. I now want to make my own
> > power cord and just need
> > > > to find a number for the Molex plug.
> > > > Thanks, Al, N7IOH
> > > >
> > > >
> > >
> > > It is not a standard Molex plug. I bought one at
> > a hamfest a couple
> > > months ago, so I know they are available. But that
> > is the one thing, if
> > > any, that has irritated me about the Kenwood rigs
> > I have. I wanted to use
> > > my TS-440 out in the field a few years ago and
> > didn't have one of those
> > > plugs, so I used clip leads on the connector on
> > the rig. They got a
> > > little toasty on transmit! :-)
> > >
> > > 73, Zack W9SZ
> > >
> > >
> > >
> > > THANKS FOR USING TS-850_450_690@...
> > > Yahoo! Groups Links
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> When in doubt, MODIFY...
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> THANKS FOR USING TS-850_450_690@...

> Yahoo! Groups Links
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>

# 3327. Re: [TS-850_450_690] Molex connector part #

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-27 15:37:38 UTC
From: n7ioh
Topic: 3321  Message: 3327

I am not interested in buying the complete power cable, just the Molex connector and the 4 pins. Zack W9SZ says they are not standard Molex connectors. I would think that they should be available somewhere at a cheap price. If other companies are selling them from $3 - $7 for just the plug and pins they must be buying them somewhere. I have found some from packetradio.com for about $3.00 each which is not too bad thanks to Dave VE3WEJ. It still seems a little high when Mouser lists the plugs for about 40 cents each and the pins at 10 cents each. I see that there are other companies that make similar type plugs. I am wanting to make a custom plug for portable use where the electrical run will be longer then normal so I will be using heaver wire because of voltage drop. I will also be making up a standard length cable so rather then buy several cables I would just rather make up my own. I was hoping that someone out there would have a part number or a line on where I could buy these connectors and pins for what Mouser sells them for.

Al, N7IOH

# 3329. Re: Molex connector part #

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-27 17:08:49 UTC
From: max_ve3tmt
Topic: 3321  Message: 3329

--- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
> I am not interested in buying the complete power cable, just the
> Molex connector and the 4 pins.

Better yet....

http://www.powerwerx.com/product.asp?ProdID=1046&CtgID=1003

73 again!
Max

# 3330. Re: Re: [TS-850_450_690] Molex connector part #

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-27 17:15:22 UTC
From: jduerbusch@charter.net
Topic: 3321  Message: 3330

My 2 Cents. I bought a Kenwood/Icom power cable at Dayton this year. Cost $10.00 Connector/wire/2 fuses w/30 amp fuses inside/ Wire was 10 GA. Looked very good and from a good vendor inside.

I hooked up my New IC-756PRO3 to it and the PS. The connector seemed a bit loose but thought it would be fine. After a couple of days, the power went off on the rig. Oh Boy, new rig blow up. But fooling around the Power connector it came back to life. Next time it did it I put my hand on the connector and it was very soft from the heat from the current draw. The wire was cool, everything was fine except for the cheap connector.

I replaced the power cord with the one that came with the rig, tight fit and no more problem.

So bottom line, there must be difference in the connectors as the one couldn't handle the 23 Amps draw of the Icom.

Hope this helps.

Joe K0BX
and yes I still have my TS-850S/AT so I will have a rig when the Icom has to go back for repairs.

Stop the insanity!
Please do not add me to any distribution lists (Joke, Stories or Junk) without my permission.

# 3331. Re: [TS-850_450_690] Re: Molex connector part #

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-27 17:35:56 UTC
From: n7ioh
Topic: 3321  Message: 3331

I know about the $7.00 connectors from Powerwerx.com. Powerwrex.com seems to be high on most of their products. I can buy the connector from packetradio.com with pins for $3.00. I have bought #8 and #10 red and black zip wire and some Anderson powerpoles from Powerwrex and they were overpriced on those items also. I will try a little longer to see if I can't find a vendor tho carries the correct connectors.

Al, N7IOH

max_ve3tmt wrote:

>--- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
>
>
>> I am not interested in buying the complete power cable, just the
>>Molex connector and the 4 pins.
>>
>>
>
>Better yet....
>
>http://www.powerwerx.com/product.asp?ProdID=1046&CtgID=1003
>
>73 again!
>Max
>
>
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>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3332. Re: Molex connector part #

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-27 18:09:07 UTC
From: max_ve3tmt
Topic: 3321  Message: 3332

--- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
> I know about the $7.00 connectors from Powerwerx.com.
Powerwrex.com
> seems to be high on most of their products. I can buy the connector
> from packetradio.com with pins for $3.00. I have bought #8 and #10 red
> and black zip wire and some Anderson powerpoles from Powerwrex and they
> were overpriced on those items also. I will try a little longer to see
> if I can't find a vendor tho carries the correct connectors.
>
> Al, N7IOH

Well I guess it depends on your urgency. Are the connectors from packetradio.com not the right ones or are they too expensive as well? Compared to the prices up here in Canada, both of those prices are a steal.

# 3333. Re: [TS-850_450_690] Re: Molex connector part #

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-27 18:39:08 UTC
From: n7ioh
Topic: 3321  Message: 3333

Hi Max, the connectors from packetradio.com are the best prices I have seen so far at $3 ea. My thoughts are that a plug and 4 pins from Mouser will cost me about $1.00 US IF I can find a part number for the plug. There is no doubt that somebody is making the plugs and pins, I just need to find out who. I will grant you that buying a plug from Packetradio.com for $3 each is still a good price when you compare it to what Powerwrex wants $7.00. I am looking at buying 3 to 5 of these plugs when I buy them. I also need a plug for my Yaesu FT-100D, the battery side. I think I will have to end up buying them from Powerwrex.com because I think they are the only ones that have them at $6.50 each if I am not mistaken. It is too bad that the big ham radio manufactures can't all standardize their power plugs and Mic plugs and Mic wiring. It would sure make life a lot easier.

Al, N7IOH

max_ve3tmt wrote:

>Well I guess it depends on your urgency. Are the connectors from
>packetradio.com not the right ones or are they too expensive as well?
>Compared to the prices up here in Canada, both of those prices are a
>steal.
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3334. Carrier Points for LSB and USB

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-27 19:03:53 UTC
From: ve6drw
Topic: 3334  Message: 3334

I'm new to the TS-850 and the group. My 850 has the (receive) carrier point on the USB a little lower than the LSB side. I'd like to adjust it, and I have a copy of the service manual, but what do I adjust? I'd have to guess it comes from the PLL, as it drives the carrier unit, but I'm not sure which adjustments to track.

Any suggestions?

Thanks

Dave
VE6DRW

# 3335. Headset adapter for TS-850 (and probably others)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-28 06:19:32 UTC
From: Dave
Topic: 3296  Message: 3335

Here's a web page describing a headset adapter I recently built and tried out on Field Day -

http://www.zievid.com/Radio/TS-850/MicAdapter.htm

I haven't tried it, but using a stereo jack for the mic should work with computer headsets as well.

I fed this both directly to a TS-850SAT as well as through a Heil Sound EQ-300 microphone equalizer. Between contacts I had a lot of fun fiddling with the audio.

73,

- Dave
W6OT

# 3337. Re: Headset PC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-06-29 19:58:42 UTC
From: Steve Matda
Topic: 3296  Message: 3337

I've done this too with my 450 and a Plantrontics Encore H101. I brought all the components out into a small interface box and wired up a PTT line using a momentary contact pushbutton mounted on top of a pill bottle (the "hockey puck" as I like to call it). I can either work pure VOX or use the handheld PTT...works like a charm during Field Day!!!

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> > ok so you want to connect your computer headset to the
> > 450 through an adapter? That is brilliant!
> >
> > Anyone have info on this? would be a very inexpensive
> > way to get a headset for ham gear in general.
> >
> > bill K0ZL
>
> I have made many headsets mic combos up for my TS850. I use a
> Plantronics A40 headset available at any Staples and through a biasing
> resistor and DC blocking capacitor in the 8 pin mic plug it is very
> easy to do. Pin 6 on the mic plug is not used so I usually wire the
> speaker audio up to that pin. This way one plugs does all, just stick
> a dummy 1/4" plug into the headphone jack to mute your speaker. VOX
> has never worked better.
>
> Max

# 3338. Looking TS850 coax cable plus connectors inside rig

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-03 08:23:17 UTC
From: Ron Meiring
Topic: 3338  Message: 3338

Hi,

I can't find these TS850 coax cable plus connectors inside rig.
Would any have a rig for parts ?

All options welcome

Or where can I buy the connectors only.
Have never seen them separately.

Ron
VK6KDD

# 3339. pics uploaded

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-03 18:56:05 UTC
From: mathewsember
Topic: 3339  Message: 3339

Hi guys , i have uploaded some pics of the filters in my radio " ts-690"
might be useful to some.

Jimmi

# 3340. Re: [TS-850_450_690] pics uploaded

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-03 19:57:06 UTC
From: ve3wej
Topic: 3339  Message: 3340

are they no standard kenwood issue filters

Ve3wej/Ve3ie
Dave Garber
----- Original Message -----
From: "mathewsember" <larj@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, July 03, 2005 2:56 PM
Subject: [TS-850_450_690] pics uploaded

> Hi guys , i have uploaded some pics of the filters in my radio " ts-690"
> might be useful to some.
>
> Jimmi
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>
>
>

# 3341. Re: pics uploaded

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-03 21:31:21 UTC
From: mathewsember
Topic: 3339  Message: 3341

could be , I just got the radio.

--- In TS-850_450_690@yahoogroups.com, "ve3wej" <ve3wej@c...> wrote:
> are they no standard kenwood issue filters
>
>
> Ve3wej/Ve3ie
> Dave Garber
> ----- Original Message -----
> From: "mathewsember" <larj@n...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Sunday, July 03, 2005 2:56 PM
> Subject: [TS-850_450_690] pics uploaded
>
>
> > Hi guys , i have uploaded some pics of the filters in my radio "
ts-690"
> > might be useful to some.
> >
> > Jimmi
> >
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@Y...
> > Yahoo! Groups Links
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# 3342. T_850 and Timewave Hamhub Compatible?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-03 21:39:28 UTC
From: SJG
Topic: 3342  Message: 3342

Hello All,

Can anyone verify the operation of the TS-850 and Timewave's Hamhub?
This interface box would seem to do everything I'd like to do
concerning digital and station operation.

I look forward to any detailed replies. 73 de Steve, NL7W

# 3343. Re: Molex connector part #

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-04 13:02:53 UTC
From: tomkalhr
Topic: 3321  Message: 3343

Hallo Al!

Molex Terminal block P/N is 50841060
Pin P/N is 2081001

Look at the following Molex pages:

http://www.molex.com/cgi-bin/bv/molex/home_init.jsp
http://www.molex.com/cgi-bin/bv/molex/home_init.jsp

Next, you can ask semples for free from Molex as I did and received 5
pcs of bloks and 30 pcs of pins.

Sample page is:

http://www.molex.com/cgi-bin/bv/molex/home_init.jsp

Good luck and 73,

Tom, 9A2TK

--- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
> Hi all, I have gone through my Mouser catalog and looked at the
> Molex web site trying to figure out the part number of the Molex plug
> that is on the power cord of the TS-450's & TS-690's. I bought a
used
> IC-730 and it uses the same plug but it did not have the power cord
with
> it when I bought it. I now want to make my own power cord and just
need
> to find a number for the Molex plug.
> Thanks, Al, N7IOH

# 3344. Re: [TS-850_450_690] Re: Molex connector part #

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-04 15:18:06 UTC
From: n7ioh
Topic: 3321  Message: 3344

Hi Tom, I went to the page and put in the part number but the
picture is different then what I am looking for. Is the picture just
different then the actual item? My plug only has one locking clip on
the side and it looks different then the one shown in the picture. I
just wanted to be sure before I order them.

Thanks, Al, N7IOH

tomkalhr wrote:

>Hallo Al!
>
>Molex Terminal block P/N is 50841060
>Pin P/N is 2081001
>
>Look at the following Molex pages:
>
>http://www.molex.com/cgi-bin/bv/molex/home_init.jsp
>
>Next, you can ask semples for free from Molex as I did and received 5
>pcs of bloks and 30 pcs of pins.
>
>Good luck and 73,
>
>Tom, 9A2TK
>
>
>
>--- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
>
>
>> Hi all, I have gone through my Mouser catalog and looked at the
>>Molex web site trying to figure out the part number of the Molex plug
>>that is on the power cord of the TS-450's & TS-690's. I bought a
>>
>>
>used
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>
>>IC-730 and it uses the same plug but it did not have the power cord
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>with
>
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>>it when I bought it. I now want to make my own power cord and just

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>>
>need
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>
>>to find a number for the Molex plug.
>> Thanks, Al, N7IOH
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3345. Re: Molex connector part #

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-04 20:39:19 UTC
From: max_ve3tmt
Topic: 3321  Message: 3345

--- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
> Hi Tom, I went to the page and put in the part number but the
> picture is different then what I am looking for. Is the picture just
> different then the actual item? My plug only has one locking clip on
> the side and it looks different then the one shown in the picture. I
> just wanted to be sure before I order them.
>
> Thanks, Al, N7IOH

I think I'd just pay the little extra and get the right one from Powerwerx. I have ordered some in the past and they fit perfect. No worries!

Max

# 3346. TS 850 Display Blinked on and back Off

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-04 22:59:37 UTC
From: Bill Smith
Topic: 3346  Message: 3346

My TS 850 Display Blinked on and back off this
afternoon. Thought I would check C1 on the Display
board. Took the front cover loose and can't find C1
(470uf cap). Where is it?
73,
Bill

Bill Smith KO4NR

_____
Yahoo! Sports
Rekindle the Rivalries. Sign up for Fantasy Football
http://football.fantasysports.yahoo.com

# 3347. Fw: [Kenwood] TS-850 display problems.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-06 04:50:45 UTC
From: Gary ve3rin
Topic: 3347  Message: 3347

I just had the 470uf 16 v - C18 replaced also C7 with 225uf 16v and the display is now working and illuminating almost instantly. I have made minor changes to Clifford's email, re C18
Gary ve3rin
----- Original Message -----
From: "Clifford Conklin" <cliffmx5@...>
To: <Kenwood@...>
Sent: Wednesday, June 29, 2005 10:33 AM
Subject: [Kenwood] TS-850 display problems.

> I have seen many posts on the TS-850 display problem. I recently had to
> repair mine.
> The only 470uf 16v cap(C18) on the display board had started leaking. The
> leakage had also eaten
> away the plate through hole. I ended up replacing the cap with a "radio
> shack" 470uf 35v
> axial lead cap. It is slightly larger so I folded it over on its side and
> hot melt glued it in place. I also repaired the missing circuit pad area
> with wire wrap wire. As always use good soldering iron.
> I use an ESD safe variable temp iron with 6 tips for this type of work.
>
> Refer to the service manual for B38-0350-15 lcd display unit. Page 173
has
> a schematic for the
> display, however it does not show C18, or C7 Look at page 174 and you will
find > the C18 cap.
>
> Good luck and 73's KC2LXP
>
>
> _____
> Kenwood mailing list
> Home: http://mailman.qth.net/mailman/listinfo/kenwood
> Help: http://mailman.qth.net/mmfaq.html
> Post: mailto:Kenwood@...

# 3348. TS850ATS Display

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-06 13:15:31 UTC
From: Bill Smith
Topic: 3348  Message: 3348

Many thanks to Clif at AVID for helping me find the leaky capacitor on the display board. I know this has been discussed before but I didn't know whch cap it was. Well it's C18 (16v 470mfd) on the display board. If you take the front of the radio off, like I did when I changed the memory battery, the board can be removed for maintenance very easily. I wrote this up and it is on the 850 Repair page.

Many of these capacitors have been reported as leaky leading to display problems. I recommend that everyone replace it before it fails as the electrolyte may damage the board's trace if you don't get it in time.

73,
Bill Smith
KO4NR

Bill Smith KO4NR

_____
Discover Yahoo!
Find restaurants, movies, travel and more fun for the weekend. Check it out!
http://discover.yahoo.com/weekend.html

# 3349. Re: [TS-850_450_690] TS850ATS Display

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-06 13:49:44 UTC
From: Dick Powers
Topic: 3348  Message: 3349

Bill;
I am not familiar with this "850 Repair Page" could you fill me in with
the web address please?
Thanks,
73, Dick WB9PWQ

On Wed, 6 Jul 2005 06:15:31 -0700 (PDT) Bill Smith <ko4nrbs@...>
writes:
> Many thanks to Clif at AVID for helping me find the
> leaky capacitor on the display board. I know this has
> been discussed before but I didn't know whch cap it
> was. Well it's C18 (16v 470mfd) on the display board.
> If you take the front of the radio off, like I did
> when I changed the memory battery, the board can be
> removed for maintenance very easily. I wrote this up
> and it is on the 850 Repair page.
>
> Many of these capacitors have been reported as leaky
> leading to display problems. I recommend that
> everyone replace it before it fails as the electrolyte
> may damage the board's trace if you don't get it in
> time.
>
> 73,
> Bill Smith
> KO4NR
>
> Bill Smith KO4NR
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> _____
> Discover Yahoo!
> Find restaurants, movies, travel and more fun for the weekend. Check
> it out!
> http://discover.yahoo.com/weekend.html
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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Dick

# 3350. Re: [TS-850_450_690] TS850ATS Display

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-06 14:11:57 UTC
From: Bill K0ZL
Topic: 3348  Message: 3350

Bill, do we have a Kenwood part number for this cap?

thanks

b

--- Bill Smith <ko4nrbs@...> wrote:

> Many thanks to Clif at AVID for helping me find the
> leaky capacitor on the display board. I know this
> has
> been discussed before but I didn't know whch cap it
> was. Well it's C18 (16v 470mfd) on the display
> board.
> If you take the front of the radio off, like I did
> when I changed the memory battery, the board can be
> removed for maintenance very easily. I wrote this
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> and it is on the 850 Repair page.
>
> Many of these capacitors have been reported as leaky
> leading to display problems. I recommend that
> everyone replace it before it fails as the
> electrolyte
> may damage the board's trace if you don't get it in
> time.
>
> 73,
> Bill Smith
> KO4NR
>
> Bill Smith KO4NR
>
>
>
> _____
> Discover Yahoo!
> Find restaurants, movies, travel and more fun for
> the weekend. Check it out!
> http://discover.yahoo.com/weekend.html
>
>

When in doubt, MODIFY...

# 3351. Re: [TS-850_450_690] TS850ATS Display

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-06 14:13:13 UTC
From: Bill Smith
Topic: 3348  Message: 3351

Just type in (850 repair page) in your browser and
click on it.
73,
Bill
--- Dick Powers <powersharp@...> wrote:

> Bill;
> I am not familiar with this "850 Repair Page" could
> you fill me in with
> the web address please?
> Thanks,
> 73, Dick WB9PWQ
>
> On Wed, 6 Jul 2005 06:15:31 -0700 (PDT) Bill Smith
> <ko4nrbs@...>
> writes:
> > Many thanks to Clif at AVID for helping me find
> the
> > leaky capacitor on the display board. I know this
> has
> > been discussed before but I didn't know whch cap
> it
> > was. Well it's C18 (16v 470mfd) on the display
> board.
> > If you take the front of the radio off, like I
> did
> > when I changed the memory battery, the board can
> be
> > removed for maintenance very easily. I wrote this
> up
> > and it is on the 850 Repair page.
> >
> > Many of these capacitors have been reported as
> leaky
> > leading to display problems. I recommend that
> > everyone replace it before it fails as the
> electrolyte
> > may damage the board's trace if you don't get it
> in
> > time.
> >
> > 73,
> > Bill Smith
> > KO4NR
> >

> > Bill Smith KO4NR
> >
> >
> >
> > _____
> > Discover Yahoo!
> > Find restaurants, movies, travel and more fun for
> the weekend. Check
> > it out!
> > http://discover.yahoo.com/weekend.html
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> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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> Dick
>

Bill Smith KO4NR

_____
Sell on Yahoo! Auctions ? no fees. Bid on great items.
http://auctions.yahoo.com/

# 3352. Re: [TS-850_450_690] TS850ATS Display

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-06 16:02:46 UTC
From: Bill Smith
Topic: 3348  Message: 3352

I don't have one. It may be in the service manual but
I doubt it. It's a standard 16v 470mfd electrolytic
capacitor.
73,
Bill

--- Bill K0ZL <coorsbill@...> wrote:

> Bill, do we have a Kenwood part number for this cap?
>
> thanks
>
> b
>
>
> --- Bill Smith <ko4nrbs@...> wrote:
>
> > Many thanks to Clif at AVID for helping me find
> the
> > leaky capacitor on the display board. I know this
> > has
> > been discussed before but I didn't know whch cap
> it
> > was. Well it's C18 (16v 470mfd) on the display
> > board.
> > If you take the front of the radio off, like I
> did
> > when I changed the memory battery, the board can
> be
> > removed for maintenance very easily. I wrote this
> > up
> > and it is on the 850 Repair page.
> >
> > Many of these capacitors have been reported as
> leaky
> > leading to display problems. I recommend that
> > everyone replace it before it fails as the
> > electrolyte
> > may damage the board's trace if you don't get it
> in
> > time.
> >
> > 73,
> > Bill Smith
> > KO4NR

> >
> > Bill Smith KO4NR
> >
> >
> >
> > _____
> > Discover Yahoo!
> > Find restaurants, movies, travel and more fun for
> > the weekend. Check it out!
> > http://discover.yahoo.com/weekend.html
> >
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>
> When in doubt, MODIFY...
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>

Bill Smith KO4NR

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 3353. -850 repair page

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-07 03:22:52 UTC
From: Gary ve3rin
Topic: 3353  Message: 3353

Bill I did go to the repair page and did not see your write up. Is it possible that it has not yet been published?
Gary VE3RIN
----- Original Message -----
From: Bill Smith
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, July 06, 2005 6:15 AM
Subject: [TS-850_450_690] TS850ATS Display

Many thanks to Clif at AVID for helping me find the
leaky capacitor on the display board. I know this has
been discussed before but I didn't know whch cap it
was. Well it's C18 (16v 470mfd) on the display board.
If you take the front of the radio off, like I did
when I changed the memory battery, the board can be
removed for maintenance very easily. I wrote this up
and it is on the 850 Repair page.

Many of these capacitors have been reported as leaky
leading to display problems. I recommend that
everyone replace it before it fails as the electrolyte
may damage the board's trace if you don't get it in
time.

73,
Bill Smith
KO4NR

Bill Smith KO4NR

_____
Discover Yahoo!
Find restaurants, movies, travel and more fun for the weekend. Check it out!
http://discover.yahoo.com/weekend.html

THANKS FOR USING TS-850_450_690@...

---
YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

---

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Checked by AVG Anti-Virus.
Version: 7.0.323 / Virus Database: 267.8.9/41 - Release Date: 05/07/2005

[Non-text portions of this message have been removed]

# 3354. TS690 Remote Control

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-07 15:30:03 UTC
From: n8fau15
Topic: 3354  Message: 3354

Is the TS690 remote control software still available and if the reote control option wasn't installed how many data lines are involved to get it going (ie TXD, RXD, CTS, RTS). I'm looking at getting a TTL to RS232 converter for this....

Now that I've changed vehicles I need to mount the rig in the trunk and control it via my laptop...

Any info would be helpful....

TNX

Bob
N8FAU Saranac, MI

# 3355. Re: [TS-850_450_690] TS690 Remote Control

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-07 20:42:51 UTC
From: ve3wej
Topic: 3354  Message: 3355

there are several aftermarket software packages available for radio contol
via computer. the choice is yours as to which one you like, and which one
your laptop can handle....are you going to be using dos, win95 win98, me
xp.etc

also, my logging program controls dex spots, and sends the radio where it
needs to be. another possibility

Ve3wej/Ve3ie
Dave Garber
----- Original Message -----
From: "n8fau15" <n8fau@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, July 07, 2005 11:30 AM
Subject: [TS-850_450_690] TS690 Remote Control

> Is the TS690 remote control software still available and if the reote
> control option wasn't installed how many data lines are involved to
> get it going (ie TXD, RXD, CTS, RTS). I'm looking at getting a TTL to
> RS232 converter for this....
>
> Now that I've changed vehicles I need to mount the rig in the trunk
> and control it via my laptop...
>
> Any info would be helpful....
>
> TNX
>
> Bob
> N8FAU Saranac, MI
>
>
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3356. Hello Everyone!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-10 18:07:51 UTC
From: Frank Sellers
Topic: 3356  Message: 3356

Hi, thank you for approving my membership in this
group I look forward to participating in the
discussions here.

Frank N6AQ

http://www.n6aq.com/index.php

_____
Do you Yahoo!?
Read only the mail you want - Yahoo! Mail SpamGuard.
http://promotions.yahoo.com/new_mail

# 3357. Re: Hello Everyone!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-11 01:31:02 UTC
From: max_ve3tmt
Topic: 3356  Message: 3357

--- In TS-850_450_690@yahoogroups.com, Frank Sellers <n6aq@y...> wrote:
> Hi, thank you for approving my membership in this
> group I look forward to participating in the
> discussions here.
>
> Frank N6AQ

Welcome to the group Frank,

Why not tell us a little bit about yourself.

Max

# 3358. Re: [TS-850_450_690] Re: Hello Everyone!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-11 03:07:00 UTC
From: Frank Sellers
Topic: 3356  Message: 3358

Well, I have been a Ham since age 11 and am 37 now, I am waiting on a contract to come through to work in the High Risk Close Protection field, I anticipate hearing on that by the end of this week. If the contract does not materialize I am going to join the Army to finish up my retirement. Have a lot going on and have been in and out of ham radio for several years. My favorite bands are the low bands especially 75 mtrs, used to have phased verticles up and I am 10 short of my 100 confirmed. I also enjoy building websites You can see some of my work at my work web site http://www.secureaspects.com.

I also have a Ham site up and would appreciate any constructive criticism, you can find it at http://www.n6aq.com/index.php

Thanks for having me here.

Take care, sincerly Frank Sellers N6AQ
http://www.n6aq.com

--- max_ve3tmt <max_ve3tmt@...> wrote:

> --- In TS-850_450_690@yahoogroups.com, Frank Sellers
> <n6aq@y...> wrote:
> > Hi, thank you for approving my membership in this
> > group I look forward to participating in the
> > discussions here.
> >
> > Frank N6AQ
>
> Welcome to the group Frank,
>
> Why not tell us a little bit about yourself.
>
> Max
>
>
>

---------------------------------------------------
Sell on Yahoo! Auctions ? no fees. Bid on great items.
http://auctions.yahoo.com/

# 3359. Help: Need some suggestions for my Site!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-11 04:02:42 UTC
From: Frank Sellers
Topic: 3359  Message: 3359

Hi and thank you for taking the time to read this. I have built a personal ham web site and have tried to think of all the neat stuff to put in it and foremost make it user friendly. I know some of you are experts on computer stuff and I would like some constructive criticism about my site. I have a lot of features for registered users on the site including the feature of personal photo albums for users, private forums, reviews area, events calendar and an on-line real time chat and much more, it has been a labor of love but I am running out of ideas. The only thing that I feel it is missing is a classifieds area, and that is in the works as I write this. The site is best viewed with 1024 by 768 resolution and DSL or faster connection. I look forward to hearing from you.

http://www.n6aq.com/index.php

Sincerely, Frank Sellers N6AQ
n6aq@...
n6aq@...

---
Do you Yahoo!?
Read only the mail you want - Yahoo! Mail SpamGuard.
http://promotions.yahoo.com/new_mail

# 3360. Re: [TS-850_450_690] Hello Everyone!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-11 12:16:32 UTC
From: Bill K0ZL
Topic: 3356  Message: 3360

Enjoy the group! I sure have been...

73,

Bill K0ZL

--- Frank Sellers <n6aq@...> wrote:

> Hi, thank you for approving my membership in this
> group I look forward to participating in the
> discussions here.
>
> Frank N6AQ
>
> http://www.n6aq.com/index.php
>
>
>
> _____________________________________
> Do you Yahoo!?
> Read only the mail you want - Yahoo! Mail SpamGuard.
>
> http://promotions.yahoo.com/new_mail
>

When in doubt, MODIFY...

# 3361. Re: [TS-850_450_690] Re: Hello Everyone!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-11 22:59:07 UTC
From: Gary ve3rin
Topic: 3356  Message: 3361

You will have to remove the period after the com to get into your site at work
Gary
----- Original Message -----
From: Frank Sellers
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, July 10, 2005 8:07 PM
Subject: Re: [TS-850_450_690] Re: Hello Everyone!

Well, I have been a Ham since age 11 and am 37 now, I
am waiting on a contract to come through to work in
the High Risk Close Protection field, I anticipate
hearing on that by the end of this week. If the
contract does not materialize I am going to join the
Army to finish up my retirement. Have a lot going on
and have been in and out of ham radio for several
years. My favorite bands are the low bands especially
75 mtrs, used to have phased verticles up and I am 10
short of my 100 confirmed. I also enjoy building
websites You can see some of my work at my work web
site http://www.secureaspects.com.

I also have a Ham site up and would appreciate any
constructive criticism, you can find it at
http://www.n6aq.com/index.php

Thanks for having me here.

Take care, sincerly Frank Sellers N6AQ
http://www.n6aq.com

--- max_ve3tmt <max_ve3tmt@...> wrote:

> --- In TS-850_450_690@yahoogroups.com, Frank Sellers
> <n6aq@y...> wrote:
> > Hi, thank you for approving my membership in this
> > group I look forward to participating in the
> > discussions here.
> >
> > Frank N6AQ
>
> Welcome to the group Frank,
>
> Why not tell us a little bit about yourself.
>
> Max
>

>
>

_____
Sell on Yahoo! Auctions - no fees. Bid on great items.
http://auctions.yahoo.com/

THANKS FOR USING TS-850_450_690@...

---
YAHOO! GROUPS LINKS

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b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

---

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Checked by AVG Anti-Virus.
Version: 7.0.323 / Virus Database: 267.8.11/45 - Release Date: 09/07/2005

[Non-text portions of this message have been removed]

# 3362. HEADPHONE SPEAKER CIRCUIT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-12 06:44:33 UTC
From: Gary ve3rin
Topic: 3362  Message: 3362

Hello all, I have a slight dilemma. I need headphones to properly listen and copy weaker stations, ( old age catching up lol) while my wife has excellent hearing and likes to listen to the speaker while in qso, By the way my wife is also a ham.
I have seen a circuit that I am looking for with volume control for each the speaker and headphone but cannot find it now.
can any one help with this toy.
Thanks one and all
Gary ve3rin and Dee ve3dee

[Non-text portions of this message have been removed]

# 3363. Re: [TS-850_450_690] HEADPHONE SPEAKER CIRCUIT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-12 13:10:56 UTC
From: Bill K0ZL
Topic: 3362  Message: 3363

If you plug in either the remote speaker or the
headphones, it will cut off the internal speaker.

Some radios will allow you to partially plug in the
headphones, and the speaker will stay alive, but not
all will do that.

I would suggest that you obtain an external speaker
and simply wire a headfone jack to the speaker leads,
not using the NC contacts as usual on the headfone
jack; just go in parallel. You may also wish to use a
stereo jack, and wire the two channels together; this
will allow you to use the common "earbud" type of
headphones or any headfones with a stereo 1/8" jack.

My 703 Icom is wired that way; with a stereo jack,
both channels wired together. I used a ten dollar pair
of "earbuds" from Radio Shack for Field Day and it was
very comfortable.

--- Gary ve3rin <ve3rin@...> wrote:

> Hello all, I have a slight dilemma. I need
> headphones to properly listen and copy weaker
> stations, ( old age catching up lol) while my wife
> has excellent hearing and likes to listen to the
> speaker while in qso, By the way my wife is also a
> ham.
> I have seen a circuit that I am looking for with
> volume control for each the speaker and headphone
> but cannot find it now.
> can any one help with this toy.
> Thanks one and all
> Gary ve3rin and Dee ve3dee
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3364. Re: [TS-850_450_690] HEADPHONE SPEAKER CIRCUIT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-12 22:08:19 UTC
From: ve3wej
Topic: 3362  Message: 3364

Hearing aids have volume controls, hi hi

Dave

> --- Gary ve3rin <ve3rin@...> wrote:
>
> > Hello all, I have a slight dilemma. I need
> > headphones to properly listen and copy weaker
> > stations, ( old age catching up lol) while my wife
> > has excellent hearing and likes to listen to the
> > speaker while in qso, By the way my wife is also a
> > ham.
> > I have seen a circuit that I am looking for with
> > volume control for each the speaker and headphone
> > but cannot find it now.
> > can any one help with this toy.
> > Thanks one and all
> > Gary ve3rin and Dee ve3dee
> >
> > [Non-text portions of this message have been
> > removed]
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> When in doubt, MODIFY...
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3365. Re: [TS-850_450_690] HEADPHONE SPEAKER CIRCUIT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-13 03:03:32 UTC
From: Gary ve3rin
Topic: 3362  Message: 3365

yes but they tend to pick up all external noises.
Gary
----- Original Message -----
From: ve3wej
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, July 12, 2005 3:08 PM
Subject: Re: [TS-850_450_690] HEADPHONE SPEAKER CIRCUIT

Hearing aids have volume controls, hi hi

Dave

> --- Gary ve3rin <ve3rin@...> wrote:
>
> > Hello all, I have a slight dilemma. I need
> > headphones to properly listen and copy weaker
> > stations, ( old age catching up lol) while my wife
> > has excellent hearing and likes to listen to the
> > speaker while in qso, By the way my wife is also a
> > ham.
> > I have seen a circuit that I am looking for with
> > volume control for each the speaker and headphone
> > but cannot find it now.
> > can any one help with this toy.
> > Thanks one and all
> > Gary ve3rin and Dee ve3dee
> >
> > [Non-text portions of this message have been
> > removed]
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> When in doubt, MODIFY...
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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THANKS FOR USING TS-850_450_690@...

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YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

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Version: 7.0.323 / Virus Database: 267.8.11/45 - Release Date: 09/07/2005

[Non-text portions of this message have been removed]

# 3366. Help please?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-13 14:43:15 UTC
From: Paul
Topic: 3366  Message: 3366

Hello List

I have just been given a Cap Co SPC 300 ATU. Unfortunately there is no
Manual with it.

Has anyone a spare copy they could please scan in - or whatever for me?

Private reply please: g7vak@...

73
Paul

# 3367. M.Ch/Vfo Ch control

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-13 16:45:29 UTC
From: merckxist
Topic: 3367  Message: 3367

I have been noticing an odd and intermittant problem with the M.Ch/Vfo Ch control lately.It will do a backstep, tuning say 40M, 7195, 7190, then 7195 again, 7190, 7185, 7180, etc.I have the step at 5khz.I have noticed the same on memory channels as well.The control also seems to have a lot of play in the shaft, both radially and in/out.I can't remember if it's always been that way or not.Wearing out?I tried searching in the archives and didn't come up with anything.Anybody else seen this?
Al
KJ5GT

# 3368. Re: [TS-850_450_690] M.Ch/Vfo Ch control

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-13 18:58:58 UTC
From: Bill K0ZL
Topic: 3367  Message: 3368

Just a dirty encoder. You can try some good cleaner in
it such as Cailube MCL, or you can just replace it.
Holler at me direct if you need the p/n

bill K0ZL

--- merckxist <kj5gt@...> wrote:

> I have been noticing an odd and intermittant problem
> with the M.Ch/Vfo
> Ch control lately.It will do a backstep, tuning say
> 40M, 7195, 7190,
> then 7195 again, 7190, 7185, 7180, etc.I have the
> step at 5khz.I have
> noticed the same on memory channels as well.The
> control also seems to
> have a lot of play in the shaft, both radially and
> in/out.I can't
> remember if it's always been that way or not.Wearing
> out?I tried
> searching in the archives and didn't come up with
> anything.Anybody else
> seen this?
> Al
> KJ5GT
>
>
>

When in doubt, MODIFY...

# 3369. Re: HEADPHONE SPEAKER CIRCUIT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-13 20:40:08 UTC
From: n5kzw
Topic: 3362  Message: 3369

In T-coil mode, they mute the microphone so the external noise is
knocked way down. But then you're back to using headphones.

Ed

--- In TS-850_450_690@yahoogroups.com, "Gary ve3rin" <ve3rin@r...> wrote:
> yes but they tend to pick up all external noises.
> Gary
> ----- Original Message -----
> From: ve3wej
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, July 12, 2005 3:08 PM
> Subject: Re: [TS-850_450_690] HEADPHONE SPEAKER CIRCUIT
>
>
> Hearing aids have volume controls, hi hi
>
>
>
> Dave
>
>
> > --- Gary ve3rin <ve3rin@r...> wrote:
> >
> > > Hello all, I have a slight dilemma. I need
> > > headphones to properly listen and copy weaker
> > > stations, ( old age catching up lol) while my wife
> > > has excellent hearing and likes to listen to the
> > > speaker while in qso, By the way my wife is also a
> > > ham.
> > > I have seen a circuit that I am looking for with
> > > volume control for each the speaker and headphone
> > > but cannot find it now.
> > > can any one help with this toy.
> > > Thanks one and all
> > > Gary ve3rin and Dee ve3dee
> > >
> > > [Non-text portions of this message have been
> > > removed]
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> > When in doubt, MODIFY...

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> > THANKS FOR USING TS-850_450_690@Y...
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> THANKS FOR USING TS-850_450_690@Y...
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> YAHOO! GROUPS LINKS
>
> a.. Visit your group "TS-850_450_690" on the web.
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
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> No virus found in this incoming message.
> Checked by AVG Anti-Virus.
> Version: 7.0.323 / Virus Database: 267.8.11/45 - Release Date:
09/07/2005

>
>
> [Non-text portions of this message have been removed]

# 3370. TS-850 broadcast Band Images

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-13 20:52:50 UTC
From: wy3d2000
Topic: 3370  Message: 3370

I am getting images of broadcast band stations every 10khz or so from 1700khz clear up thru the 75 meter band. They almost disapear when I put the attenuators in the circuit. They are S-9 in strength at times. Any ideas? I have isolated it to the RF board. I have swapped boards in the rig and the problem goes away.
Frank WY3D

# 3371. Re: [TS-850_450_690] TS-850 broadcast Band Images

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-14 12:10:30 UTC
From: Bill K0ZL
Topic: 3370  Message: 3371

No need to swap boards. Just change the RF switch
diode at the input to the BC band filter. I don't have
the schem in front of me but can give you the diode
numbers later today if you email me directly.

Look at the filter in the service manual, it is the
one that covers .500 to 1.600MC

The diode is an RLS135 I think; you can sub a 1N914 or
a 1Nsomething, whatever will fit, if you are careful
with the leads. Best to use the surface mount device.

Bill

--- wy3d2000 <wy3d@...> wrote:

> I am getting images of broadcast band stations every
> 10khz or so from
> 1700khz clear up thru the 75 meter band. They
> almost disapear when I
> put the attenuators in the circuit. They are S-9 in
> strength at
> times. Any ideas? I have isolated it to the RF
> board. I have swapped
> boards in the rig and the problem goes away.
> Frank WY3D
>
>
>
>

When in doubt, MODIFY...

# 3372. Re: [TS-850_450_690] TS-850 broadcast Band Images

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-15 08:55:36 UTC
From: Frank Mayer
Topic: 3370  Message: 3372

Bill,
I wish I would have got your idea the other day! Now the rig won't receive at all with that board. I did some initlal trouble shooting since the receive went out all together. The receiver hears a when I inject a signal at L54 input to the 1st mixer with plenty of signal strength but virtually nothing before that. I would think the problem is before the preamps because the problem is on all bands. I was handling the board out of the rig while I was using my spare board in the rig. When I went to put the original back in I discovered it had stopped working. Maybe static from handling blew something. Any help would be appreciated Bill.
Frank, WY3D
----- Original Message -----
From: Bill K0ZL
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, July 14, 2005 8:10 AM
Subject: Re: [TS-850_450_690] TS-850 broadcast Band Images

No need to swap boards. Just change the RF switch
diode at the input to the BC band filter. I don't have
the schem in front of me but can give you the diode
numbers later today if you email me directly.

Look at the filter in the service manual, it is the
one that covers .500 to 1.600MC

The diode is an RLS135 I think; you can sub a 1N914 or
a 1Nsomething, whatever will fit, if you are careful
with the leads. Best to use the surface mount device.

Bill

--- wy3d2000 <wy3d@...> wrote:

> I am getting images of broadcast band stations every
> 10khz or so from
> 1700khz clear up thru the 75 meter band. They
> almost disapear when I
> put the attenuators in the circuit. They are S-9 in
> strength at
> times. Any ideas? I have isolated it to the RF
> board. I have swapped
> boards in the rig and the problem goes away.
> Frank WY3D
>
>
>
>

When in doubt, MODIFY...

THANKS FOR USING TS-850_450_690@...

---

YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

[Non-text portions of this message have been removed]

# 3373. Filters for ts450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-16 06:46:18 UTC
From: rovntoma
Topic: 3373  Message: 3373

I prefer upper bands only SSB.Its a good idea buy INRAD filters first 2,4khz on position 8.83 and second 2.4khz on 455.Some peoples said that narrow filters degrage output modulation.What is the better choice? 2,4 or 1,8khz? Its necessary have a filter for SSB on position 455?
Thanks for any answer.(sorry for my simple english)

# 3374. Re: Filters for ts450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-16 11:21:59 UTC
From: max_ve3tmt
Topic: 3373  Message: 3374

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@p...> wrote:
> I prefer upper bands only SSB.Its a good idea buy INRAD filters first
> 2,4khz on position 8.83 and second 2.4khz on 455.Some peoples said that
> narrow filters degrage output modulation.What is the better choice? 2,4
> or 1,8khz? Its necessary have a filter for SSB on position 455?
> Thanks for any answer.(sorry for my simple english)

For regular ragchewing the 2.4 filter would be the better choice. For contesting and DX'ing the 1.8 filter will get you heard better. My personal preference is for nice sounding full audio, which is why I use the 850 in the first place.

Max

# 3375. Re: Filters for ts450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-18 04:41:20 UTC
From: Steve Matda
Topic: 3373  Message: 3375

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...>
wrote:
> --- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@p...>
wrote:
> > I prefer upper bands only SSB.Its a good idea buy INRAD filters
first
> > 2,4khz on position 8.83 and second 2.4khz on 455.Some peoples
said that
> > narrow filters degrage output modulation.What is the better
choice? 2,4
> > or 1,8khz? Its necessary have a filter for SSB on position 455?
> > Thanks for any answer.(sorry for my simple english)
>
> For regular ragchewing the 2.4 filter would be the better choice.
For
> contesting and DX'ing the 1.8 filter will get you heard better. My
> personal preference is for nice sounding full audio, which is why I
> use the 850 in the first place.
>
> Max

Whoa. I'm a touch corn-fused. Is the filters on a 450 used in both
RX and TX? "Narrow filters degrade output modulation" and "the 1.8
filter will get you heard better" makes me think you're talking about
TX audio, which I didn't think was touched by the IF filters.

Steve, KE4MOB

# 3376. Re: Filters for ts450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-18 10:58:20 UTC
From: max_ve3tmt
Topic: 3373  Message: 3376

> Whoa. I'm a touch corn-fused. Is the filters on a 450 used in both
> RX and TX? "Narrow filters degrade output modulation" and "the 1.8
> filter will get you heard better" makes me think you're talking about
> TX audio, which I didn't think was touched by the IF filters.
>
> Steve, KE4MOB

You got me Steve,

Sorry I was referring to my 850 when responding to his question. That being said, it still holds true, narrow filters on receive are great for picking out that certain station, but I prefer the fuller sound. Of course at times, a narrow filter makes the difference between being copyable and not.

Max

# 3377. Noise Blanker TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-18 22:04:31 UTC
From: oz1jux
Topic: 3377  Message: 3377

Can any help me it seem that the Noise Blanker not have any function.
Also when I use ATT it seem that they not a 6 and 12 dB but more

# 3378. Re: [TS-850_450_690] Noise Blanker TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-18 22:23:10 UTC
From: N7ZXP
Topic: 3377  Message: 3378

Noise blanker is to cut out Ignition noise when mounted in a car.
----- Original Message -----
From: oz1jux
To: TS-850_450_690@yahoogroups.com
Sent: Monday, July 18, 2005 3:04 PM
Subject: [TS-850_450_690] Noise Blanker TS850S

Can any help me it seem that the Noise Blanker not have any function.
Also when I use ATT it seem that they not a 6 and 12 dB but more

THANKS FOR USING TS-850_450_690@...

---
YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

[Non-text portions of this message have been removed]

# 3379. Re: Noise Blanker TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-19 00:16:18 UTC
From: max_ve3tmt
Topic: 3377  Message: 3379

--- In TS-850_450_690@yahoogroups.com, "oz1jux" <oz1jux@y...> wrote:
> Can any help me it seem that the Noise Blanker not have any function.
> Also when I use ATT it seem that they not a 6 and 12 dB but more

It is a well known fact that the stock noise blanker in the TS850 really didn't do much. Have you removed the two SMD caps as per the published mod? Mine modded NB works just great and will cut an S9 noise level down to S3.

Max

# 3380. Re: Noise Blanker TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-19 15:04:00 UTC
From: w7tea
Topic: 3377  Message: 3380

I agree. Bill K0ZL did mine along with changing the battery etc. and the new blanker takes out line noise beautifully. I really couldn't believe it.

Gary W7TEA

> It is a well known fact that the stock noise blanker in the TS850
> really didn't do much. Have you removed the two SMD caps as per the
> published mod? Mine modded NB works just great and will cut an S9
> noise level down to S3.
>
> Max

# 3381. Re: Filters for ts450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-19 16:47:48 UTC
From: rovntoma
Topic: 3373  Message: 3381

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt"
<max_ve3tmt@y...> wrote:
>
> > Whoa. I'm a touch corn-fused. Is the filters on a 450 used in
both
> > RX and TX? "Narrow filters degrade output modulation" and "the
1.8
> > filter will get you heard better" makes me think you're talking
about
> > TX audio, which I didn't think was touched by the IF filters.
> >
> > Steve, KE4MOB
>
> You got me Steve,
>
> Sorry I was referring to my 850 when responding to his question.
That
> being said, it still holds true, narrow filters on receive are
great
> for picking out that certain station, but I prefer the fuller
sound.
> Of course at times, a narrow filter makes the difference between
being
> copyable and not.
>
> Max

Thanks for answer.I am a novice.I like a full range RX modulation.
I vill looking for 2,4 khz filter 8,83.
And what about 455 position?It is designed for narrow CW fiters.
I find any INRAD filters for position 455. 1,8 or 2,4.I think that
on 455 position TS450 has any single crystal.With complete crystal
filter it will be better receive or less noise?
It have sense give any filter in position 455 for SSB?
Many thanks TOM

# 3382. Re: [TS-850_450_690] Re: Noise Blanker TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-19 21:39:27 UTC
From: Gary ve3rin
Topic: 3377  Message: 3382

I must have missed the subject on the mod to the ts850 noise blanker. Could any one send me the link for the mod and any literature concerning the mod or article
Thank you
Gary
ve3rin@...
----- Original Message -----
From: "w7tea" <gtuck@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, July 19, 2005 8:04 AM
Subject: [TS-850_450_690] Re: Noise Blanker TS850S

> I agree. Bill K0ZL did mine along with changing the battery etc. and the new blanker takes
> out line noise beautifully. I really couldn't believe it.
>
> Gary W7TEA
>
>
> > It is a well known fact that the stock noise blanker in the TS850
> > really didn't do much. Have you removed the two SMD caps as per the
> > published mod? Mine modded NB works just great and will cut an S9
> > noise level down to S3.
> >
> > Max
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>
> --
> No virus found in this incoming message.
> Checked by AVG Anti-Virus.
> Version: 7.0.323 / Virus Database: 267.9.1/51 - Release Date: 18/07/2005
>

>

# 3383. Re: [TS-850_450_690] Re: Noise Blanker TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-19 18:52:20 UTC
From: Paul Manuel
Topic: 3377  Message: 3383

--- Gary ve3rin <ve3rin@...> wrote:
> I must have missed the subject on the mod to the ts850 noise blanker.
> Could any one send me the link for the mod and any literature
>concerning the mod or article

You'll find it at www.mods.dk and many TS-850 sites. I believe it is
removing two SM caps in the NB section of the RF unit.

Bill, K0ZL, did mine when he fixed my DC/DC converter, and it works great.

73,
Paul K4PDM

---------------------------------------------------
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 3384. Re: Noise Blanker TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-19 20:14:26 UTC
From: max_ve3tmt
Topic: 3377  Message: 3384

--- In TS-850_450_690@yahoogroups.com, "Gary ve3rin" <ve3rin@r...> wrote:
> I must have missed the subject on the mod to the ts850 noise
blanker. Could
> any one send me the link for the mod and any literature concerning
the mod
> or article
> Thank you
> Gary
> ve3rin@r...

Gary,

There is a full writeup on it on www.mods.dk. It involves removing two SMD caps on the RF board under the speaker. You can just crush them with pliers if you like. Makes a dramatic difference in the operation of the noise blanker. Bill has posted a couple of nice close up pictures on mods.dk.

Max

# 3385. Re: [TS-850_450_690] Re: Noise Blanker TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-19 21:05:22 UTC
From: VK4TUX
Topic: 3377  Message: 3385

Just cutting the traces as per the picture I placed at DK.Mods is simple, and easy to reverse.

Adrian

de VK4TUX

--- In TS-850_450_690@yahoogroups.com, "Gary ve3rin" <ve3rin@r...> wrote:
> I must have missed the subject on the mod to the ts850 noise blanker. Could
> any one send me the link for the mod and any literature concerning the mod
> or article
> Thank you
> Gary
> ve3rin@r...

[Non-text portions of this message have been removed]

# 3386. Re: [TS-850_450_690] Re: Noise Blanker TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-19 21:23:49 UTC
From: VK4TUX
Topic: 3377  Message: 3386

Correction
----- Original Message -----
From: VK4TUX
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, July 20, 2005 7:05 AM
Subject: Re: [TS-850_450_690] Re: Noise Blanker TS850S

Just cutting the traces as per the picture I placed at mods.dk is simple, and easy to reverse.

Adrian

de VK4TUX

[Non-text portions of this message have been removed]

# 3387. Re: [TS-850_450_690] Re: Noise Blanker TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-19 21:34:43 UTC
From: VK4TUX
Topic: 3377  Message: 3387

Actually Bill (K0ZL) in your later duplication info for nb mods posted 6 months after mine on mods.dk you have written the component id up as D and not C before the component number etc. I note it is correct in the photo though.

Adrian

de VK4TUX
----- Original Message -----
From: VK4TUX
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, July 20, 2005 7:23 AM
Subject: Re: [TS-850_450_690] Re: Noise Blanker TS850S

Correction
----- Original Message -----
From: VK4TUX
To: TS-850_450_690@yahoogroups.com
Sent: Wednesday, July 20, 2005 7:05 AM
Subject: Re: [TS-850_450_690] Re: Noise Blanker TS850S

Just cutting the traces as per the picture I placed at mods.dk is simple, and easy to reverse.

Adrian

de VK4TUX

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

---
YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

[Non-text portions of this message have been removed]

# 3388. Re: Noise Blanker TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-20 02:55:32 UTC
From: max_ve3tmt
Topic: 3377  Message: 3388

--- In TS-850_450_690@yahoogroups.com, "VK4TUX" <vk4tux@a...> wrote:
> Just cutting the traces as per the picture I placed at DK.Mods is simple, and easy to reverse.
>
> Adrian

Can't see why anyone would want to resverse it Adrian, in its initial state it basically does nothing.

Max

# 3389. Re: [TS-850_450_690] Re: Noise Blanker TS850S ref: Trace Cut

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-20 03:08:38 UTC
From: VK4TUX
Topic: 3389  Message: 3389

Fair enough Max , but it makes it possible and I think easier to do. Everyone entitled to their own favourite method of course; Hi Hi.

Adrian

de VK4TUX

Can't see why anyone would want to resverse it Adrian, in its initial
state it basically does nothing.

Max

[Non-text portions of this message have been removed]

# 3390. Re: Noise Blanker TS850S ref: Trace Cut

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-20 03:54:19 UTC
From: max_ve3tmt
Topic: 3389  Message: 3390

--- In TS-850_450_690@yahoogroups.com, "VK4TUX" <vk4tux@a...> wrote:
> Fair enough Max , but it makes it possible and I think easier to do.
Everyone entitled to their own favourite method of course; Hi Hi.
>
> Adrian

I agree Adrian, on my fourth TS850 now and this one has the best
noise blanker by far.

Max

# 3391. Re: [TS-850_450_690] Re: Noise Blanker TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-20 13:03:10 UTC
From: Bill K0ZL
Topic: 3377  Message: 3391

Went to look at it, mods.dk appears to be off the air
from here right now.

b

--- VK4TUX <vk4tux@...> wrote:

> Actually Bill (K0ZL) in your later duplication info
> for nb mods posted 6 months after mine on mods.dk
> you have written the component id up as D and not C
> before the component number etc. I note it is
> correct in the photo though.
>
> Adrian
>
> de VK4TUX
> ----- Original Message -----
> From: VK4TUX
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, July 20, 2005 7:23 AM
> Subject: Re: [TS-850_450_690] Re: Noise Blanker
> TS850S
>
>
> Correction
> ----- Original Message -----
> From: VK4TUX
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, July 20, 2005 7:05 AM
> Subject: Re: [TS-850_450_690] Re: Noise Blanker
> TS850S
>
>
> Just cutting the traces as per the picture I
> placed at mods.dk is simple, and easy to reverse.
>
> Adrian
>
> de VK4TUX
>
>
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>
> [Non-text portions of this message have been
> removed]
>

>
>
> THANKS FOR USING TS-850_450_690@...
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>
---
> YAHOO! GROUPS LINKS
>
> a.. Visit your group "TS-850_450_690" on the
> web.
>
> b.. To unsubscribe from this group, send an
> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
>
>
>
---
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3392. Re: [TS-850_450_690] Re: Noise Blanker TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-20 13:21:51 UTC
From: ve3wej
Topic: 3377  Message: 3392

www.mods.dk is up and running for me!!!! how do you tell if the mod has been done to my 850

----- Original Message -----
From: "Bill K0ZL" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, July 20, 2005 9:03 AM
Subject: Re: [TS-850_450_690] Re: Noise Blanker TS850S

> Went to look at it, mods.dk appears to be off the air
> from here right now.
>
> b
>
>
> --- VK4TUX <vk4tux@...> wrote:
>
> > Actually Bill (K0ZL) in your later duplication info
> > for nb mods posted 6 months after mine on mods.dk
> > you have written the component id up as D and not C
> > before the component number etc. I note it is
> > correct in the photo though.
> >
> > Adrian
> >
> > de VK4TUX
> > ----- Original Message -----
> > From: VK4TUX
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Wednesday, July 20, 2005 7:23 AM
> > Subject: Re: [TS-850_450_690] Re: Noise Blanker
> > TS850S
> >
> >
> > Correction
> > ----- Original Message -----
> > From: VK4TUX
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Wednesday, July 20, 2005 7:05 AM
> > Subject: Re: [TS-850_450_690] Re: Noise Blanker
> > TS850S
> >
> >
> > Just cutting the traces as per the picture I
> > placed at mods.dk is simple, and easy to reverse.

> >
> > Adrian
> >
> > de VK4TUX
> >
> >
> >
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
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> >
> > ---
---
> > YAHOO! GROUPS LINKS
> >
> > a.. Visit your group "TS-850_450_690" on the
> > web.
> >
> > b.. To unsubscribe from this group, send an
> > email to:
> > TS-850_450_690-unsubscribe@yahoogroups.com
> >
> > c.. Your use of Yahoo! Groups is subject to the
> > Yahoo! Terms of Service.
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> > [Non-text portions of this message have been
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> When in doubt, MODIFY...
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3393. Re: [TS-850_450_690] Re: Noise Blanker TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-20 13:30:39 UTC
From: Bill K0ZL
Topic: 3377  Message: 3393

Does the NB work? then it's been modded, hi!

You will need to inspect your digital unit that is
located just under the S meter area, it's a board
about 2.5" by 4", and compare it with the photos for
the mod; if those two SMD brown caps are missing,
yours has been modified.

b

--- ve3wej <ve3wej@...> wrote:

> www.mods.dk is up and running for me!!!! how do you
> tell if the mod has been
> done to my 850
>
>
>
> ----- Original Message -----
> From: "Bill K0ZL" <coorsbill@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Wednesday, July 20, 2005 9:03 AM
> Subject: Re: [TS-850_450_690] Re: Noise Blanker
> TS850S
>
>
> > Went to look at it, mods.dk appears to be off the
> air
> > from here right now.
> >
> > b
> >
> >
> > --- VK4TUX <vk4tux@...> wrote:
> >
> > > Actually Bill (K0ZL) in your later duplication
> info
> > > for nb mods posted 6 months after mine on
> mods.dk
> > > you have written the component id up as D and
> not C
> > > before the component number etc. I note it is
> > > correct in the photo though.
> > >
> > > Adrian
> > >

> > > de VK4TUX
> > > ----- Original Message -----
> > > From: VK4TUX
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Wednesday, July 20, 2005 7:23 AM
> > > Subject: Re: [TS-850_450_690] Re: Noise
> Blanker
> > > TS850S
> > >
> > >
> > > Correction
> > > ----- Original Message -----
> > > From: VK4TUX
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Wednesday, July 20, 2005 7:05 AM
> > > Subject: Re: [TS-850_450_690] Re: Noise
> Blanker
> > > TS850S
> > >
> > >
> > > Just cutting the traces as per the picture I
> > > placed at mods.dk is simple, and easy to
> reverse.
> > >
> > > Adrian
> > >
> > > de VK4TUX
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> > > [Non-text portions of this message have been
> > > removed]
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> > > THANKS FOR USING
> TS-850_450_690@...
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> ----
> > > YAHOO! GROUPS LINKS
> > >
> > > a.. Visit your group "TS-850_450_690" on
> the

> > > web.
> > >
> > > b.. To unsubscribe from this group, send an
> > > email to:
> > > TS-850_450_690-unsubscribe@yahoogroups.com
> > >
> > > c.. Your use of Yahoo! Groups is subject to
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> > > Yahoo! Terms of Service.
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> > When in doubt, MODIFY...
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> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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When in doubt, MODIFY...

# 3394. Re: [TS-850_450_690] Re: Noise Blanker TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-20 13:58:41 UTC
From: ve3wej
Topic: 3377  Message: 3394

Thanks Buill, I will have a look see, if I need to get into the radio again.

----- Original Message -----
From: "Bill K0ZL" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, July 20, 2005 9:30 AM
Subject: Re: [TS-850_450_690] Re: Noise Blanker TS850S

> Does the NB work? then it's been modded, hi!
>
> You will need to inspect your digital unit that is
> located just under the S meter area, it's a board
> about 2.5" by 4", and compare it with the photos for
> the mod; if those two SMD brown caps are missing,
> yours has been modified.
>
> b
>
> --- ve3wej <ve3wej@...> wrote:
>
> > www.mods.dk is up and running for me!!!! how do you
> > tell if the mod has been
> > done to my 850
> > >
> > >
> > >
> > > ----- Original Message -----
> > > From: "Bill K0ZL" <coorsbill@...>
> > > To: <TS-850_450_690@yahoogroups.com>
> > > Sent: Wednesday, July 20, 2005 9:03 AM
> > > Subject: Re: [TS-850_450_690] Re: Noise Blanker
> > > TS850S
> > > >
> > > >
> > > > Went to look at it, mods.dk appears to be off the
> > > air
> > > > from here right now.
> > > > >
> > > > b
> > > > >
> > > > >
> > > > --- VK4TUX <vk4tux@...> wrote:
> > > > >
> > > > > Actually Bill (K0ZL) in your later duplication
> > > info

> > > > for nb mods posted 6 months after mine on
> > mods.dk
> > > > you have written the component id up as D and
> > not C
> > > > before the component number etc. I note it is
> > > > correct in the photo though.
> > > >
> > > > Adrian
> > > >
> > > > de VK4TUX
> > > > ----- Original Message -----
> > > > From: VK4TUX
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Sent: Wednesday, July 20, 2005 7:23 AM
> > > > Subject: Re: [TS-850_450_690] Re: Noise
> > Blanker
> > > > TS850S
> > > >
> > > >
> > > > Correction
> > > > ----- Original Message -----
> > > > From: VK4TUX
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Sent: Wednesday, July 20, 2005 7:05 AM
> > > > Subject: Re: [TS-850_450_690] Re: Noise
> > Blanker
> > > > TS850S
> > > >
> > > >
> > > > Just cutting the traces as per the picture I
> > > > placed at mods.dk is simple, and easy to
> > reverse.
> > > >
> > > > Adrian
> > > >
> > > > de VK4TUX
> > > >
> > > >
> > > >
> > > >
> > > > [Non-text portions of this message have been
> > > > removed]
> > > >
> > > >
> > > >
> > > > THANKS FOR USING
> > TS-850_450_690@...
> > > >
> > > >
> > > >

> > > >
> > >
> >
> ------------------------------------------------------------------------
> > ----
> > > > YAHOO! GROUPS LINKS
> > > >
> > > > a.. Visit your group "TS-850_450_690" on
> > the
> > > > web.
> > > >
> > > > b.. To unsubscribe from this group, send an
> > > > email to:
> > > > TS-850_450_690-unsubscribe@yahoogroups.com
> > > >
> > > > c.. Your use of Yahoo! Groups is subject to
> > the
> > > > Yahoo! Terms of Service.
> > > >
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> > > >
> > >
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> ------------------------------------------------------------------------
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> > > >
> > > > [Non-text portions of this message have been
> > > > removed]
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> > > When in doubt, MODIFY...
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> > >
> > > THANKS FOR USING TS-850_450_690@...
> > > Yahoo! Groups Links
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> When in doubt, MODIFY...
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3395. Re: [TS-850_450_690] Re: Noise Blanker TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-21 04:36:58 UTC
From: Frank Sellers
Topic: 3377  Message: 3395

Did it not work for you?
Frank N6AQ
http://www.n6aq.com/index.php

--- VK4TUX <vk4tux@...> wrote:

> Correction
> ----- Original Message -----
> From: VK4TUX
> To: TS-850_450_690@yahoogroups.com
> Sent: Wednesday, July 20, 2005 7:05 AM
> Subject: Re: [TS-850_450_690] Re: Noise Blanker
> TS850S
>
>
> Just cutting the traces as per the picture I
> placed at mods.dk is simple, and easy to reverse.
>
> Adrian
>
> de VK4TUX
>
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

Frank N6AQhttp://www.n6aq.com/index.php

---------------------------------------------------
Start your day with Yahoo! - make it your home page
http://www.yahoo.com/r/hs

# 3396. 250HZ filter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-21 09:32:41 UTC
From: vk4tux
Topic: 3396  Message: 3396

I have one @ KENWOOD YG-455CN-1, 250Hz CW narrow filter Ebay Item number: 5790670164 .
Why did they make the 8.83 version 270hz? This has me curious when the 455 unit is 250hz.

Adrian

de VK4TUX

# 3397. Re: [TS-850_450_690] Re: Noise Blanker TS850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-21 12:04:40 UTC
From: Kim Wind
Topic: 3377  Message: 3397

Thanks to all for the nice help

Best regards

oz1jux

oz1jux@...
http://oz1jux.qrz.dk

---
Start your day with Yahoo! - make it your home page

[Non-text portions of this message have been removed]

# 3398. Attenuator and Expand TX

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-21 12:48:15 UTC
From: oz1jux
Topic: 3398  Message: 3398

It seems that Attenuator is working to hard. If I hear a signal with 9+40 and push in 6dB the signal go down to about S5.
I also have read about Expand TX in one file it stand remove D11 and move it to D09, in another only have to remove or cut D11. What is right

# 3399. Re: [TS-850_450_690] 250HZ filter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-21 12:54:52 UTC
From: Bill K0ZL
Topic: 3396  Message: 3399

I think it is easier to get narrower at the lower
frequency, perhaps.

b

--- vk4tux <vk4tux@...> wrote:

> I have one @ KENWOOD YG-455CN-1, 250Hz CW narrow
> filter Ebay Item
> number: 5790670164 .
> Why did they make the 8.83 version 270hz? This has
> me curious when the
> 455 unit is 250hz.
>
> Adrian
>
> de VK4TUX
>
>
>

When in doubt, MODIFY...

# 3400. Attenuator and Expand TX

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-21 21:18:05 UTC
From: sailfree4me@netscape.net
Topic: 3398  Message: 3400

My attenuators are close to the ratings on them. Now where near 40 over down to s5. I would suspect that your attenuator is vaporized.

John - W4BA

_____
Switch to Netscape Internet Service.
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# 3401. Re: Attenuator and Expand TX

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-24 09:49:52 UTC
From: Peter
Topic: 3398  Message: 3401

Once I repaired the ATT of a TS-50. One of the two resistores of the ATT circuit was open and the signal with the ATT on was simmilar to yours. Maybe lightening or transmitting in the receiver with another rig caused this I think.

73, Peter

--- In TS-850_450_690@yahoogroups.com, "oz1jux" <oz1jux@y...> wrote:
> It seems that Attenuator is working to hard. If I hear a signal with
> 9+40 and push in 6dB the signal go down to about S5.
> I also have read about Expand TX in one file it stand remove D11 and
> move it to D09, in another only have to remove or cut D11. What is
> right

# 3402. TS-450S Low Receive Audio problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-26 01:19:58 UTC
From: Dennis, Philippines low budget dxer
Topic: 3402  Message: 3402

July 26, 2005

I have recently acquired a TS-450SAT with a defective Carrier Board. I'm using it right now as an MW/SW receiver since it can still receive (and transmit) in AM mode. However the receive audio is quite low even when I turn the AF Gain to maximum. Can someone please help me pinpoint which part in the AF Amplifier chain is the defective part. I don't have much test equipment, infact I only have a DMM as my only test equipment. Any pointers would be greatly appreciated.

Thanks in advance.

Dennis Ls. M. Cruz / DV7-BJY
the Philippines

P.S.

Can someone in the group too help me pinpoint which of the 2 DDS chip on the carrier board needs replacement and where do I get those chips?

# 3403. New member.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-27 21:21:17 UTC
From: David Quental
Topic: 3403  Message: 3403

Hello to all,

I am a new member to this group. I have a Kenwood ts850sat who works very fine.
I got it in 2003 and at same time I bought a cw filter for it since most of times I work on cw ;) .
Mid 2004 I started to have problems with cw filter, ie in calls other stations hear me some khz up and a heird noise. I talked to kenwood dealer in Oporto who sent me a new 270 hz cw filter, better than the previous one, and I replaced with this one. In fact appeared that problem was gone.
But some days ago I saw that, if I move ts850sat dx stations I did not hear them, yesterday I did severall call and no answer, then, accidentally, I switch off filter to 2,7k and saw that was a shift with 270 cw filter on. Today morning talked with kenwood in Oporto and he said me that probably problem was in radio and no in filter since this kind of filter is a mechanic one. Of course I was not happy :( :( :( but I trust in this dealer (very fine ham) and decided to wait until september due vacations of personnel. But, when I activate key 9 (rev) cw turned int cw-r and filter started to work fine, without shift. Did some qso's and all fine, even all freqs matches fine now with cluster.

So my question is:
is there any bad configuration in my ts850sat or is it the right configuration to work with a cw filter (with cw-4) ???

Any help will be welcome here.

Best 73s to all and thanks to participate in this group.

CT1DRB
David Quental

PS: who cares, during weekend will work under call CT6C during IOTA 2005, but before contest will be qrv, only in cw :) :) :) , as CT1DRB/P in EU-145.

[Non-text portions of this message have been removed]

# 3404. Another new member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-27 23:25:06 UTC
From: Iden
Topic: 3404  Message: 3404

Greetings,

I have had my TS-850 for a long time. I bought
it used from a ham friend. I sent it off once
before for repairs and all has been fine until
a couple days ago, thus my motivation to
join this group.

In the few days preceding, I had a few QSOs
and all was fine. The next day, I was getting
on freq for a Monday sked and it would not
transmit.

The "ON AIR" light comes on and the fan
starts in both the CW and SSB modes
but no indication whatever of any output
via the 850's display nor on my external
MFJ tuner's meter.

I looked at all the controls to see if something
got pushed that wasn't supposed to be.

I used all the controls that seemed to cause
relays inside to click in case one was dirty
from lack of use.

I checked all coax connections.

My power supply reads 13.5 v and steady.

I have looked at this group's archived posts.
I have looked at the links and the files but
didn't see anything exactly like what I am
experiencing.

I am ready and willing to send it off for repair
but was wondering if there is anything not
too technical that I could check and possible
fix myself.

All ideas appreciated.

Iden K6JHQ - Northern California.

# 3405. Fwd: TS 850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-28 11:32:29 UTC
From: alanhwatts@aol.com
Topic: 3405  Message: 3405

[Non-text portions of this message have been removed]

# 3406. Re: [TS-850_450_690] Another new member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-28 16:55:33 UTC
From: Bill K0ZL
Topic: 3404  Message: 3406

How about in FM mode? AM? CW?

Possible bad mic?

--- Iden <iden@...> wrote:

> Greetings,
>
> I have had my TS-850 for a long time. I bought
> it used from a ham friend. I sent it off once
> before for repairs and all has been fine until
> a couple days ago, thus my motivation to
> join this group.
>
> In the few days preceding, I had a few QSOs
> and all was fine. The next day, I was getting
> on freq for a Monday sked and it would not
> transmit.
>
> The "ON AIR" light comes on and the fan
> starts in both the CW and SSB modes
> but no indication whatever of any output
> via the 850's display nor on my external
> MFJ tuner's meter.
>
> I looked at all the controls to see if something
> got pushed that wasn't supposed to be.
>
> I used all the controls that seemed to cause
> relays inside to click in case one was dirty
> from lack of use.
>
> I checked all coax connections.
>
> My power supply reads 13.5 v and steady.
>
> I have looked at this group's archived posts.
> I have looked at the links and the files but
> didn't see anything exactly like what I am
> experiencing.
>
> I am ready and willing to send it off for repair
> but was wondering if there is anything not
> too technical that I could check and possible
> fix myself.
>

> All ideas appreciated.
>
> Iden K6JHQ - Northern California.
>
>
>
>

When in doubt, MODIFY...

# 3407. TS 850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-28 18:24:51 UTC
From: alanhwatts@aol.com
Topic: 3407  Message: 3407

I have recently become the proud owner of a TS 850S on which the 40 metre band, (transmit), covers 7.000 to 7.100 MHz. Now that we in the UK may use up to 7.200 MHz, please can anyone tell me how to modify my rig to include this?
Thanks
Alan

[Non-text portions of this message have been removed]

# 3408. Re: [TS-850_450_690] TS 850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-28 18:30:34 UTC
From: Kim Wind
Topic: 3407  Message: 3408

Look at http://www.mods.dk there is show how to do also to get 60 meter band in.
It is better to look as I write it here but it is simple.

Best regards
oz1jux
DXCALL OZ0SW

alanhwatts@... wrote:
I have recently become the proud owner of a TS 850S on which the 40 metre
band, (transmit), covers 7.000 to 7.100 MHz. Now that we in the UK may use up
to 7.200 MHz, please can anyone tell me how to modify my rig to include
this?
Thanks
Alan

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

SPONSORED LINKS
Ham radio Craft hobby Hobby and craft supply Hobby supply Ham radio outlet Ham radio sales

---
YAHOO! GROUPS LINKS

Visit your group "TS-850_450_690" on the web.

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

Best regards

oz1jux

oz1jux@...
http://oz1jux.qrz.dk

---
Start your day with Yahoo! - make it your home page

[Non-text portions of this message have been removed]

# 3409. Re: [TS-850_450_690] TS 850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-28 19:43:18 UTC
From: VK4TUX
Topic: 3407  Message: 3409

Information is found at www.mods.dk Sir. Select Kenwood from left Manufacturer list , then TS850S from right model list.

Adrian

de VK4TUX

please can anyone tell me how to modify my rig to include
this?
Thanks
Alan

[Non-text portions of this message have been removed]

# 3410. Re: [TS-850_450_690] TS 850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-28 19:55:50 UTC
From: ve3wej
Topic: 3407  Message: 3410

or even easier, go directly here

http://www.mods.dk/view.php?ArticleId=2083

----- Original Message -----
From: "VK4TUX" <vk4tux@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Thursday, July 28, 2005 3:43 PM
Subject: Re: [TS-850_450_690] TS 850S

> Information is found at www.mods.dk Sir. Select Kenwood from left
Manufacturer list , then TS850S from right model list.
>
> Adrian
>
> de VK4TUX
>
> please can anyone tell me how to modify my rig to include
> this?
> Thanks
> Alan
>
>
>
> [Non-text portions of this message have been removed]
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
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>
>

# 3411. Re: [TS-850_450_690] TS 850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-28 20:04:57 UTC
From: Kim Wind
Topic: 3407  Message: 3411

I have just for 4 days ago make this modification an now I look for some grossband QSO, where I listen on 60 meter and where I send on 40 or 80 meter
Because we are not allowed to send on 60 meter yet, but I hear it come in the future.

Best regards

oz1jux

oz1jux@...
http://oz1jux.qrz.dk

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

# 3412. Re: [TS-850_450_690] Another new member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-28 20:12:00 UTC
From: Kim Wind
Topic: 3404  Message: 3412

Have try to put in FM mode to see output in this mode?

Iden <iden@...> wrote:Greetings,

I have had my TS-850 for a long time. I bought
it used from a ham friend. I sent it off once
before for repairs and all has been fine until
a couple days ago, thus my motivation to
join this group.

All ideas appreciated.

Iden K6JHQ - Northern California.

Best regards

oz1jux

oz1jux@...
http://oz1jux.qrz.dk

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

# 3413. Re: [TS-850_450_690] Another new member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-29 04:11:53 UTC
From: Iden
Topic: 3404  Message: 3413

From: "Bill K0ZL" <coorsbill@...>

> How about in FM mode? AM?

Did not try those.

> CW?

Same thing. Since CW doesn't involve the
mic, I feel that it is excluded.

Iden

# 3414. Re: [TS-850_450_690] Another new member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-29 16:03:22 UTC
From: Bill K0ZL
Topic: 3404  Message: 3414

When replying in a thread, unlike in some other
situations, it is helpful to me to have the complete
thread to read.

I help with troubleshooting so many rigs, that after a
day or two, I have forgotten what we were originally
talking about.

Bear with me; you have an 850 with no SSB output, and
you have not tried the other modes?

Always try the rig in FM, AM or CW mode when
troubleshooting output issues; this can rule out huge
sections of the rig.

If SSB is indeed doa and the other modes are not, I
would suspect that the carrier oscillator DDS it not
working.

Bill K0ZL

--- Iden <iden@...> wrote:

>
>
> From: "Bill K0ZL" <coorsbill@...>
>
> > How about in FM mode? AM?
>
> Did not try those.
>
> > CW?
>
> Same thing. Since CW doesn't involve the
> mic, I feel that it is excluded.
>
> Iden
>
>
>

When in doubt, MODIFY...

# 3415. Re: [TS-850_450_690] New member.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-29 16:40:18 UTC
From: Bill K0ZL
Topic: 3403  Message: 3415

Hi David,

You may be getting ready to loose a memory battery!

Try a master reset (A=B and POWER ON) and see if that helps.

Also, cycle the little CW filter select dipswitches under the small cover on top of the rig; they may be dirty.

bill

--- David Quental <ct1drb@...> wrote:

> Hello to all,
>
> I am a new member to this group. I have a Kenwood
> ts850sat who works very fine.
> I got it in 2003 and at same time I bought a cw
> filter for it since most of times I work on cw ;) .
> Mid 2004 I started to have problems with cw filter,
> ie in calls other stations hear me some khz up and a
> heird noise. I talked to kenwood dealer in Oporto
> who sent me a new 270 hz cw filter, better than the
> previous one, and I replaced with this one. In fact
> appeared that problem was gone.
> But some days ago I saw that, if I move ts850sat dx
> stations I did not hear them, yesterday I did
> severall call and no answer, then, accidentally, I
> switch off filter to 2,7k and saw that was a shift
> with 270 cw filter on. Today morning talked with
> kenwood in Oporto and he said me that probably
> problem was in radio and no in filter since this
> kind of filter is a mechanic one. Of course I was
> not happy :( :( :( but I trust in this dealer (very
> fine ham) and decided to wait until september due
> vacations of personnel. But, when I activate key 9
> (rev) cw turned int cw-r and filter started to work
> fine, without shift. Did some qso's and all fine,
> even all freqs matches fine now with cluster.
>
> So my question is:
> is there any bad configuration in my ts850sat or is
> it the right configuration to work with a cw filter
> (with cw-4) ???

>
> Any help will be welcome here.
>
> Best 73s to all and thanks to participate in this
> group.
>
> CT1DRB
> David Quental
>
> PS: who cares, during weekend will work under call
> CT6C during IOTA 2005, but before contest will be
> qrv, only in cw :) :) :) , as CT1DRB/P in EU-145.
>
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3416. Re: [TS-850_450_690] Another new member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-29 18:03:23 UTC
From: Iden
Topic: 3404  Message: 3416

From: "Bill K0ZL" <coorsbill@...>

> Bear with me; you have an 850 with no SSB
> output, and you have not tried the other modes?

No indication of output on SSB or CW.

The "ON AIR" light and fan come on when
attempting to transmit.

Iden

= = = =

> Always try the rig in FM, AM or CW mode when
> troubleshooting output issues; this can rule out huge
> sections of the rig.
>
> If SSB is indeed doa and the other modes are not, I
> would suspect that the carrier oscillator DDS it not
> working.
>
> Bill K0ZL
>
> --- Iden <iden@...> wrote:
>
> >
> >
> > From: "Bill K0ZL" <coorsbill@...>
> >
> > > How about in FM mode? AM?
> >
> > Did not try those.
> >
> > > CW?
> >
> > Same thing. Since CW doesn't involve the
> > mic, I feel that it is excluded.
> >
> > Iden

# 3417. Computer UPS... USB vs serial interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-29 22:10:30 UTC
From: Phono-Guy
Topic: 3417  Message: 3417

I know this isn't directly related to kenwood rigs,
but
I need to get a question answered so I'll throw this
out here.... Looking at buying a UPS for my computers,
is there any advantage to having a usb vs a serial
interface? I few models I'm interested in only come
with a RS232 interface, but I did notice that some
models have a usb interface.

Thanks for any and all replies,
73,
Clint
WS1V

_____
Yahoo! Mail
Stay connected, organized, and protected. Take the tour:
http://tour.mail.yahoo.com/mailtour.html

# 3418. Re: [TS-850_450_690] Computer UPS... USB vs serial interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-29 22:17:26 UTC
From: N7ZXP
Topic: 3417  Message: 3418

No advant except you only have 2 serials and you can chain 128 things on 1 USB.
----- Original Message -----
From: Phono-Guy
To: TS-850_450_690@yahoogroups.com
Sent: Friday, July 29, 2005 3:10 PM
Subject: [TS-850_450_690] Computer UPS... USB vs serial interface

I know this isn't directly related to kenwood rigs,
but
I need to get a question answered so I'll throw this
out here.... Looking at buying a UPS for my computers,
is there any advantage to having a usb vs a serial
interface? I few models I'm interested in only come
with a RS232 interface, but I did notice that some
models have a usb interface.

Thanks for any and all replies,
73,
Clint
WS1V

_____
Yahoo! Mail
Stay connected, organized, and protected. Take the tour:
http://tour.mail.yahoo.com/mailtour.html

THANKS FOR USING TS-850_450_690@...

---
YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

[Non-text portions of this message have been removed]

# 3419. Re: [TS-850_450_690] Computer UPS... USB vs serial interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-29 22:26:33 UTC
From: Kim Wind
Topic: 3417  Message: 3419

I have buy a USB 2.0 to RS 232 Adapter it works great with my LCU3-K to my TS850S
I have only one problem on 10 meter band it sometimes make a noise about S2, I don´t now how to eleminate that.

Best regards

oz1jux

oz1jux@...
http://oz1jux.qrz.dk

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

# 3420. Re: TS 850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-30 11:56:02 UTC
From: Terry
Topic: 3407  Message: 3420

Bring it along to Nevs and I'll do it for you.
Terry G0VHS

P.S It costs a fortune to do :-)

# 3421. Re: [TS-850_450_690] Another new member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-30 18:55:56 UTC
From: Bill K0ZL
Topic: 3404  Message: 3421

This could be many things; as I said before, if you
have output in AM or FM modes but not in SSB, then it
could be your carrier oscillator DDS unit.

If you have no output in ANY mode, it could be
anything from a bad switching diode to blown finals,
drivers, or an earlier stage malfunctioning.

Good luck.

Bill

--- Iden <iden@...> wrote:

>
>
> From: "Bill K0ZL" <coorsbill@...>
>
> > Bear with me; you have an 850 with no SSB
> > output, and you have not tried the other modes?
>
> No indication of output on SSB or CW.
>
> The "ON AIR" light and fan come on when
> attempting to transmit.
>
> Iden
>
> = = = =
>
> > Always try the rig in FM, AM or CW mode when
> > troubleshooting output issues; this can rule out
> huge
> > sections of the rig.
> >
> > If SSB is indeed doa and the other modes are not,
> I
> > would suspect that the carrier oscillator DDS it
> not
> > working.
> >
> > Bill K0ZL
> >
> > --- Iden <iden@...> wrote:
> >
> > >

> > >
> > > From: "Bill K0ZL" <coorsbill@...>
> > >
> > > > How about in FM mode? AM?
> > >
> > > Did not try those.
> > >
> > > > CW?
> > >
> > > Same thing. Since CW doesn't involve the
> > > mic, I feel that it is excluded.
> > >
> > > Iden
>
>
>

When in doubt, MODIFY...

# 3422. Re: [TS-850_450_690] Another new member

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-31 02:32:36 UTC
From: Frank Sellers
Topic: 3404  Message: 3422

Looks like you have some trouble shooting to do.

Frank N6AQ
http://www.n6aq.com/index.php

--- Bill K0ZL <coorsbill@...> wrote:

> This could be many things; as I said before, if you
> have output in AM or FM modes but not in SSB, then
> it
> could be your carrier oscillator DDS unit.
>
> If you have no output in ANY mode, it could be
> anything from a bad switching diode to blown finals,
> drivers, or an earlier stage malfunctioning.
>
> Good luck.
>
> Bill
>
> --- Iden <iden@...> wrote:
>
> >
> >
> > From: "Bill K0ZL" <coorsbill@...>
> >
> > > Bear with me; you have an 850 with no SSB
> > > output, and you have not tried the other modes?
> >
> > No indication of output on SSB or CW.
> >
> > The "ON AIR" light and fan come on when
> > attempting to transmit.
> >
> > Iden
> >
> > = = = =
> >
> > > Always try the rig in FM, AM or CW mode when
> > > troubleshooting output issues; this can rule out
> > huge
> > > sections of the rig.
> > >
> > > If SSB is indeed doa and the other modes are
> > not,
> > > I

> > > would suspect that the carrier oscillator DDS it
> > not
> > > working.
> > >
> > > Bill K0ZL
> > >
> > > --- Iden <iden@...> wrote:
> > >
> > > >
> > > >
> > > > From: "Bill K0ZL" <coorsbill@...>
> > > >
> > > > > How about in FM mode? AM?
> > > >
> > > > Did not try those.
> > > >
> > > > > CW?
> > > >
> > > > Same thing. Since CW doesn't involve the
> > > > mic, I feel that it is excluded.
> > > >
> > > > Iden
> > >
> > >
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>
> When in doubt, MODIFY...
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>

Frank N6AQhttp://www.n6aq.com/index.php

---------------------------------------------------
Start your day with Yahoo! - make it your home page
http://www.yahoo.com/r/hs

# 3423. Re: Filters for ts450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-07-31 15:09:24 UTC
From: yah121d
Topic: 3373  Message: 3423

--- In TS-850_450_690@yahoogroups.com, "Steve Matda" <ke4mob@a...>
wrote:
> --- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...>
> wrote:

> Whoa. I'm a touch corn-fused. Is the filters on a 450 used in both
> RX and TX? "Narrow filters degrade output modulation" and "the 1.8
> filter will get you heard better" makes me think you're talking about
> TX audio, which I didn't think was touched by the IF filters.
>
> Steve, KE4MOB

Can we clarifiy this.
Am I correct to say; (on a ts450) both the 8Mc/s & 455c/s filters are
used on rx only - excepting the 455c/s 6k filter to indicate the user
wants narrow dev fm (if that's his thing).
So nice thought, but a tighter ssb filter doesn't alter tx audio at all.

# 3424. TS850sat Display Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-01 18:49:34 UTC
From: Nik Read
Topic: 3424  Message: 3424

Hi all,

Firstly can I thank all the responded to my appeal for help over the drift problem wit my 850.. One problem sorted!!..

After using the 850 over this last weekend to get some new IOTA's I switched off last night and slept!. On waking this morning I switched the 850 on and the display did not come on, the radio powers up ok and is also ok on TX and RX.. but the display is blank. I tried resetting but no Joy.. I them check the web for the "850 Repair Page" that has been mentioned on this forum but could find no trace of it..

Am I right to think the main display device has failed or could there be another reason ??.. I managed to acquire a service manual today and took the radio apart to see if there was any trace of the caps leaking as reported before but could see no sign. Any ideas anyone please !!.

I would hate to replace my 850 as I have not found anything to replace it yet!!!...

Thank You in advance,

Nik Read
M5DND

g7dnd.nread@...

---

No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.300 / Virus Database: 267.9.7 - Release Date: 28/07/05

[Non-text portions of this message have been removed]

# 3425. Re: [TS-850_450_690] TS850sat Display Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-01 19:17:58 UTC
From: Bill Smith
Topic: 3424  Message: 3425

Mine did the same thing recently. I found that C18 on
the display board can and will cause this problem. I
found C18 (it's an electrolytic) on the display board
and replaced it. No go!! It had leaked a little but
the board looked ok. Gave up and sent it to Bill K0ZL
for a repair.

73,
Bill

--- Nik Read <g7dnd.nread@...> wrote:

> Hi all,
>
> Firstly can I thank all the responded to my appeal
> for help over the drift problem wit my 850.. One
> problem sorted!!..
>
> After using the 850 over this last weekend to get
> some new IOTA's I switched off last night and
> slept!. On waking this morning I switched the 850 on
> and the display did not come on, the radio powers up
> ok and is also ok on TX and RX.. but the display is
> blank. I tried resetting but no Joy.. I them check
> the web for the "850 Repair Page" that has been
> mentioned on this forum but could find no trace of
> it..
>
> Am I right to think the main display device has
> failed or could there be another reason ??.. I
> managed to acquire a service manual today and took
> the radio apart to see if there was any trace of the
> caps leaking as reported before but could see no
> sign. Any ideas anyone please !!.
>
> I would hate to replace my 850 as I have not found
> anything to replace it yet!!!...
>
> Thank You in advance,
>
> Nik Read
> M5DND
>
>
> g7dnd.nread@...
>

>
>
> ----------
>
> No virus found in this outgoing message.
> Checked by AVG Anti-Virus.
> Version: 7.0.300 / Virus Database: 267.9.7 - Release
> Date: 28/07/05
>
>
> [Non-text portions of this message have been
> removed]
>
>

Bill Smith KO4NR

_____
Do you Yahoo!?
Yahoo! Mail - Find what you need with new enhanced search.
http://info.mail.yahoo.com/mail_250

# 3426. Re: [TS-850_450_690] TS850sat Display Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-01 19:28:23 UTC
From: VK4TUX
Topic: 3424  Message: 3426

Bill if you or anyone else need parts, you could contact N8BX Fred, whom I know has component parts available now for the TS850S. His addy should be in qrz.com. However I'm sure Bill K0ZL will have it fixed for you in a jiffy. I'm just making everyone aware of this guy as a parts source.

regards

Adrian

Mine did the same thing recently. I found that C18 on
the display board can and will cause this problem. I
found C18 (it's an electrolytic) on the display board
and replaced it. No go!! It had leaked a little but
the board looked ok.

[Non-text portions of this message have been removed]

# 3427. Re: [TS-850_450_690] TS850sat Display Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-02 12:32:27 UTC
From: Bill K0ZL
Topic: 3424  Message: 3427

Sounds like the CFL is not lighting... I think there
is a cap in there on the voltage inverter that goes
bad? have not repaired one here yet but I think Bob
Smith has...

bill K0ZL

--- Nik Read <g7dnd.nread@...> wrote:

> Hi all,
>
> Firstly can I thank all the responded to my appeal
> for help over the drift problem wit my 850.. One
> problem sorted!!..
>
> After using the 850 over this last weekend to get
> some new IOTA's I switched off last night and
> slept!. On waking this morning I switched the 850 on
> and the display did not come on, the radio powers up
> ok and is also ok on TX and RX.. but the display is
> blank. I tried resetting but no Joy.. I them check
> the web for the "850 Repair Page" that has been
> mentioned on this forum but could find no trace of
> it..
>
> Am I right to think the main display device has
> failed or could there be another reason ??.. I
> managed to acquire a service manual today and took
> the radio apart to see if there was any trace of the
> caps leaking as reported before but could see no
> sign. Any ideas anyone please !!.
>
> I would hate to replace my 850 as I have not found
> anything to replace it yet!!!...
>
> Thank You in advance,
>
> Nik Read
> M5DND
>
>
> g7dnd.nread@...
>
>
>
> ----------

>
> No virus found in this outgoing message.
> Checked by AVG Anti-Virus.
> Version: 7.0.300 / Virus Database: 267.9.7 - Release
> Date: 28/07/05
>
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3428. Re: [TS-850_450_690] TS850sat Display Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-02 12:33:53 UTC
From: Bill K0ZL
Topic: 3424  Message: 3428

Will keep him in mind, thanks!

b

--- VK4TUX <vk4tux@...> wrote:

> Bill if you or anyone else need parts, you could
> contact N8BX Fred, whom I know has component parts
> available now for the TS850S. His addy should be in
> qrz.com. However I'm sure Bill K0ZL will have it
> fixed for you in a jiffy. I'm just making everyone
> aware of this guy as a parts source.
>
> regards
>
> Adrian
>
>
> Mine did the same thing recently. I found that C18
> on
> the display board can and will cause this problem.
> I
> found C18 (it's an electrolytic) on the display
> board
> and replaced it. No go!! It had leaked a little
> but
> the board looked ok.
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3429. I have a friend

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-04 00:34:56 UTC
From: oz1jux
Topic: 3429  Message: 3429

I have a friend
He just buy a TS850Sat, so that he have 2 piece of the 850 now but on the second he have lot of problems. He can hear that we are speaking but when he try to speak to us he speak about 2 kHz down in LSB mode and also on FREQ in USB mode. He have try to reset it, but it not help him.

# 3430. tuning locks at 30 Mhz problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-06 12:49:36 UTC
From: vk6kdd
Topic: 3430  Message: 3430

Hi,

One of my rigs has the folowing problem.
When I start it up it goes very fast to 30 Mhz in steps of 10 Khz.
I can't use any buttons to stop it.
I have disconnecten the CH/VFO switch because that's doing 10 Khz
steps. But no result. Changed quite a few capacitors.
No luck yet.
Any ideas ?

73 Ron
VK6KDD

# 3431. Re: TS850 tuning locks at 30 Mhz problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-06 12:51:04 UTC
From: vk6kdd
Topic: 3430  Message: 3431

Sorry forgot to mention it is a TS850.

--- In TS-850_450_690@yahoogroups.com, "vk6kdd" <rmeiring@i...> wrote:
> Hi,
>
> One of my rigs has the folowing problem.
> When I start it up it goes very fast to 30 Mhz in steps of 10 Khz.
> I can't use any buttons to stop it.
> I have disconnecten the CH/VFO switch because that's doing 10 Khz
> steps. But no result. Changed quite a few capacitors.
> No luck yet.
> Any ideas ?
>
> 73 Ron
> VK6KDD

# 3432. Re: [TS-850_450_690] tuning locks at 30 Mhz problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-06 15:38:40 UTC
From: Bill K0ZL
Topic: 3430  Message: 3432

Most likely the UP logic line from the mic UP button
ckt is shorted, due to a shorted cap pulling it to
ground. With the rig off, measure ohms to ground on
both the UP and DOWN circuits, see what you get.

bill

--- vk6kdd <rmeiring@...> wrote:

> Hi,
>
> One of my rigs has the folowing problem.
> When I start it up it goes very fast to 30 Mhz in
> steps of 10 Khz.
> I can't use any buttons to stop it.
> I have disconnecten the CH/VFO switch because that's
> doing 10 Khz
> steps. But no result. Changed quite a few
> capacitors.
> No luck yet.
> Any ideas ?
>
> 73 Ron
> VK6KDD
>
>
>
>
>

When in doubt, MODIFY...

# 3433. Re: [TS-850_450_690] Re: TS850 tuning locks at 30 Mhz problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-06 15:39:25 UTC
From: Bill K0ZL
Topic: 3430  Message: 3433

There is also a possibility that the chip that
interfaces the UP/DOWN logic to the CPU is shorted on
that one port; less likely than a shorted SMD cap
however.

b

--- vk6kdd <rmeiring@...> wrote:

> Sorry forgot to mention it is a TS850.
>
> --- In TS-850_450_690@yahoogroups.com, "vk6kdd"
> <rmeiring@i...> wrote:
> > Hi,
> > >
> > > One of my rigs has the folowing problem.
> > > When I start it up it goes very fast to 30 Mhz in
> steps of 10 Khz.
> > > I can't use any buttons to stop it.
> > > I have disconnecten the CH/VFO switch because
> that's doing 10 Khz
> > > steps. But no result. Changed quite a few
> capacitors.
> > > No luck yet.
> > > Any ideas ?
> > >
> > > 73 Ron
> > > VK6KDD
>
>
>

When in doubt, MODIFY...

# 3434. Re: [TS-850_450_690] Re: TS850 tuning locks at 30 Mhz problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-06 20:35:12 UTC
From: ve3wej
Topic: 3430  Message: 3434

did you unplug the hand mike.....maybe the top button is stuck.......

----- Original Message -----
From: "vk6kdd" <rmeiring@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, August 06, 2005 8:51 AM
Subject: [TS-850_450_690] Re: TS850 tuning locks at 30 Mhz problem

> Sorry forgot to mention it is a TS850.
>
> --- In TS-850_450_690@yahoogroups.com, "vk6kdd" <rmeiring@i...> wrote:
> > Hi,
> >
> > One of my rigs has the folowing problem.
> > When I start it up it goes very fast to 30 Mhz in steps of 10 Khz.
> > I can't use any buttons to stop it.
> > I have disconnecten the CH/VFO switch because that's doing 10 Khz
> > steps. But no result. Changed quite a few capacitors.
> > No luck yet.
> > Any ideas ?
> >
> > 73 Ron
> > VK6KDD
>
>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3435. Re: [TS-850_450_690] I have a friend

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-06 20:36:28 UTC
From: ve3wej
Topic: 3429  Message: 3435

check to see if his rit or xit is on, or maybe your rit/xit

----- Original Message -----
From: "oz1jux" <oz1jux@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, August 03, 2005 8:34 PM
Subject: [TS-850_450_690] I have a friend

> I have a friend
> He just buy a TS850Sat, so that he have 2 piece of the 850 now but on
> the second he have lot of problems. He can hear that we are speaking
> but when he try to speak to us he speak about 2 kHz down in LSB mode
> and also on FREQ in USB mode. He have try to reset it, but it not help
> him.
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3436. Re: [TS-850_450_690] Re: TS850 tuning locks at 30 Mhz problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-06 21:30:58 UTC
From: Ron Meiring
Topic: 3430  Message: 3436

Yes I tried that.

But the hand make makes 1Hz steps, and this error 10Khz steps.

Good idea any way.
Thanks
Ron.

On Sat, 6 Aug 2005 16:35:12 -0400, ve3wej wrote:
>did you unplug the hand mike.....maybe the top button is
stuck.......
>
>
>
>
>----- Original Message -----
>From: "vk6kdd" <rmeiring@...>
>To: <TS-850_450_690@yahoogroups.com>
>Sent: Saturday, August 06, 2005 8:51 AM
>Subject: [TS-850_450_690] Re: TS850 tuning locks at 30 Mhz problem
>
>
>>Sorry forgot to mention it is a TS850.
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>>--- In TS-850_450_690@yahoogroups.com, "vk6kdd" <rmeiring@i...>
>>wrote:
>>>Hi,
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>>>When I start it up it goes very fast to 30 Mhz in steps of 10
>>>Khz.
>>>I can't use any buttons to stop it.
>>>I have disconnecten the CH/VFO switch because that's doing 10 Khz
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>>>steps. But no result. Changed quite a few capacitors.
>>>No luck yet.
>>>Any ideas ?
>>>
>>>73 Ron
>>>VK6KDD
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>>THANKS FOR USING TS-850_450_690@...
>>Yahoo! Groups Links

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>THANKS FOR USING TS-850_450_690@...
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>
>YAHOO! GROUPS LINKS
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>
>Visit your group "TS-850_450_690" on the web.
>
>To unsubscribe from this group, send an email to:
>TS-850_450_690-unsubscribe@yahoogroups.com
>
>Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>

# 3437. Re: [TS-850_450_690] I have a friend

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-06 22:38:17 UTC
From: Frank Sellers
Topic: 3429  Message: 3437

Clarifier?

Frank N6AQ
http://www.n6aq.com/index.php

--- ve3wej <ve3wej@...> wrote:

> check to see if his rit or xit is on, or maybe your
> rit/xit
>
>
>
> ----- Original Message -----
> From: "oz1jux" <oz1jux@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Wednesday, August 03, 2005 8:34 PM
> Subject: [TS-850_450_690] I have a friend
>
>
> > I have a friend
> > He just buy a TS850Sat, so that he have 2 piece of
> the 850 now but on
> > the second he have lot of problems. He can hear
> that we are speaking
> > but when he try to speak to us he speak about 2
> kHz down in LSB mode
> > and also on FREQ in USB mode. He have try to reset
> it, but it not help
> > him.
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> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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>

Frank N6AQhttp://www.n6aq.com/index.php

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http://mail.yahoo.com

# 3438. Re: [TS-850_450_690] I have a friend

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-06 22:47:49 UTC
From: ve3wej
Topic: 3429  Message: 3438

nope, rit/xit located 2 knobs from right bottom, and 2 knobs up....also
little push buttonsabove that knob....you can tell if transmit frequency is
changing on either rig, comparing to own receive frequency

Dave
----- Original Message -----
From: "Frank Sellers" <n6aq@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, August 06, 2005 6:38 PM
Subject: Re: [TS-850_450_690] I have a friend

> Clarifier?
>
> Frank N6AQ
> http://www.n6aq.com/index.php
>
> --- ve3wej <ve3wej@...> wrote:
>
> > check to see if his rit or xit is on, or maybe your
> > rit/xit
> >
> >
> >
> > ----- Original Message -----
> > From: "oz1jux" <oz1jux@...>
> > To: <TS-850_450_690@yahoogroups.com>
> > Sent: Wednesday, August 03, 2005 8:34 PM
> > Subject: [TS-850_450_690] I have a friend
> >
> >
> > > I have a friend
> > > He just buy a TS850Sat, so that he have 2 piece of
> > the 850 now but on
> > > the second he have lot of problems. He can hear
> > that we are speaking
> > > but when he try to speak to us he speak about 2
> > kHz down in LSB mode
> > > and also on FREQ in USB mode. He have try to reset
> > it, but it not help
> > > him.
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> > > THANKS FOR USING TS-850_450_690@...
> > > Yahoo! Groups Links
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>
> Frank N6AQhttp://www.n6aq.com/index.php
>
> ---------------------------------------------------
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3439. Re: [TS-850_450_690] I have a friend

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-06 22:56:49 UTC
From: Kim Wind
Topic: 3429  Message: 3439

No, beause we was a group on same Freq. One have locate him on USB and another on LSB.
We was talking on 3770 kHz on he was speaking on 3768.2 LSB and 3770 kHz USB.
But now he have make a reset.

Kim

ve3wej <ve3wej@...> wrote:
nope, rit/xit located 2 knobs from right bottom, and 2 knobs up....also
little push buttonsabove that knob....you can tell if transmit frequency is
changing on either rig, comparing to own receive frequency

Dave
----- Original Message -----
From: "Frank Sellers" <n6aq@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, August 06, 2005 6:38 PM
Subject: Re: [TS-850_450_690] I have a friend

> Clarifier?
>
> Frank N6AQ
> http://www.n6aq.com/index.php
>
> --- ve3wej <ve3wej@...> wrote:
>
> > check to see if his rit or xit is on, or maybe your
> > rit/xit
> >
> >
> >
> > ----- Original Message -----
> > From: "oz1jux" <oz1jux@...>
> > To: <TS-850_450_690@yahoogroups.com>
> > Sent: Wednesday, August 03, 2005 8:34 PM
> > Subject: [TS-850_450_690] I have a friend
> >
> >
> > > I have a friend
> > > He just buy a TS850Sat, so that he have 2 piece of
> > the 850 now but on
> > > the second he have lot of problems. He can hear
> > that we are speaking
> > > but when he try to speak to us he speak about 2
> > kHz down in LSB mode
> > > and also on FREQ in USB mode. He have try to reset
> > it, but it not help

> > > him.
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> > > THANKS FOR USING TS-850_450_690@...
> > > Yahoo! Groups Links
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>
> Frank N6AQhttp://www.n6aq.com/index.php
>
> ---------------------------------------------------
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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THANKS FOR USING TS-850_450_690@...

---

YAHOO! GROUPS LINKS

Visit your group "TS-850_450_690" on the web.

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

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---

Best regards

oz1jux

oz1jux@...
http://oz1jux.qrz.dk

---

Do you Yahoo!?
Yahoo! Mail - You care about security. So do we.

[Non-text portions of this message have been removed]

# 3440. Re: [TS-850_450_690] Re: TS850 tuning locks at 30 Mhz problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-07 03:22:57 UTC
From: Ron Meiring
Topic: 3430  Message: 3440

Hi Bill,

Did some more tests today. IC14 is the interface, and it works fine
as far as I can see. The inputs for the M.CH/VFO.CH switch work fine.
Also the dial is on the same chip. It converts it to an 8 bit signal
which goes to the CPU.

Perhaps IC14 is faulty, but that would be hard to say.

Mhh perhaps an other Digital board ..... ?
I will ask and see if there is an other out there ...

73 Ron
VK6KDD

On Sat, 6 Aug 2005 08:39:25 -0700 (PDT), Bill K0ZL wrote:
>There is also a possibility that the chip that
>interfaces the UP/DOWN logic to the CPU is shorted on
>that one port; less likely than a shorted SMD cap
>however.
>
>b
>
>
>--- vk6kdd <rmeiring@...> wrote:
>
>>Sorry forgot to mention it is a TS850.
>>
>>--- In TS-850_450_690@yahoogroups.com, "vk6kdd"
>><rmeiring@i...> wrote:
>>>Hi,
>>>
>>>One of my rigs has the folowing problem.
>>>When I start it up it goes very fast to 30 Mhz in
>>steps of 10 Khz.
>>>I can't use any buttons to stop it.
>>>I have disconnecten the CH/VFO switch because
>>that's doing 10 Khz
>>>steps. But no result. Changed quite a few
>>capacitors.
>>>No luck yet.
>>>Any ideas ?
>>>
>>>73 Ron
>>>VK6KDD
>>

>>
>>
>
>
>
>When in doubt, MODIFY...
>
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>
>THANKS FOR USING TS-850_450_690@...
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>
>SPONSORED LINKS
>
>Ham radio
>Craft hobby
>Hobby and craft supply
>
>Hobby supply
>Ham radio outlet
>Ham radio sales
>
>YAHOO! GROUPS LINKS
>
>
>Visit your group "TS-850_450_690" on the web.
>
>To unsubscribe from this group, send an email to:
>TS-850_450_690-unsubscribe@yahoogroups.com
>
>Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
>

# 3441. Wanted Digital board for TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-07 03:25:50 UTC
From: Ron Meiring
Topic: 3441  Message: 3441

Hi,

I am after the main Digital Board for my TS850.

This is the board behind the front panel, where the backup battery is located on.

Please let me know if you have any ....

73 Ron VK6KDD

# 3442. Re: Wanted Digital board for TS850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-08 10:43:54 UTC
From: Ramon
Topic: 3441  Message: 3442

Hi Ron,

I am not shure now but I thought you had two of those 850's. If so,
what about a swap of the boards to tackle the culprit?

BTW, all OK in PA-land...

Good luck!

Ramon, PE1OUW

--- In TS-850_450_690@yahoogroups.com, Ron Meiring <rmeiring@i...>
wrote:
> Hi,
>
> I am after the main Digital Board for my TS850.
>
> This is the board behind the front panel, where the backup battery
is
> located on.
>
> Please let me know if you have any ....
>
> 73 Ron VK6KDD

# 3443. TS450S tuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-09 10:53:56 UTC
From: max_ve3tmt
Topic: 3443  Message: 3443

This message was sent to me by Steve, maybe we can help him out.
Max

Hi All,

Quick question: Are there any known reasons for failure of the TS450S internal ATU? I've already checked for signs of a leaky battery - and whilst the battery is old (and probably due for replacement) there's no signs of any leakage or corrosion.

I have the service manual, and notice pin 9 (?) on the ATU cable should go 'high' (5v?) when the ATU button is depressed. This doesn't seem to happen - although trying to make contact with pin 9 was quite tricky - so I can't be sure.

Due to the solid construction of the radio, I've not had the time (or confidence) to strip it right down.

Is there anything else obvious I can check? From memory - the ATU failed shortly (perhaps immediatley) after the temporary 'wideband transmit' trick (power on with clear and enter buttons depressed?) to enable TX on the extended 40m band. Menu settings are set correctly (ATU enabled).

On switching in the ATU, nothing happens. Pressing the 'tune' button also does nothing. On disassembling, re-assembling and then performing a full reset, it did bleep some lengthy CW at me when pressing 'tune' - but only did this once, and I'm not proficient enough at CW to instantly read it. I can't replicate this.

Help! If all else fails I'll send it off to Kenwood - but the cost of repairs may not be worthwhile on a radio of this age :(

Steve M0SPN
--
Amateur Radio UK:- http://www.aruk.org.uk

# 3444. Re: [TS-850_450_690] TS450S tuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-09 19:20:23 UTC
From: John
Topic: 3443  Message: 3444

I sold my 450 2 months ago after owning it for 10 years. So I am
relying on memory, as I no longer have it in the shack.
It could be beeping you that the SWR is too high to even attempt
a tune....or, perhaps the ATU is not enabled in the hidden menu.
I forget the menu numbers, but you can select the tuner on or off,
or you can even set the tuner up as "manual" - where you use
the vfo knob and mem knob to perform a manual tune of the built
in tuner.

Hope that helps

73
John ZS5J

----- Original Message -----
From: max_ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, August 09, 2005 12:53 PM
Subject: [TS-850_450_690] TS450S tuner

This message was sent to me by Steve, maybe we can help him out.
Max

Hi All,

Quick question: Are there any known reasons for failure of the TS450S
internal ATU? I've already checked for signs of a leaky battery -
and whilst the battery is old (and probably due for replacement)
there's no signs of any leakage or corrosion.

I have the service manual, and notice pin 9 (?) on the ATU cable
should go 'high' (5v?) when the ATU button is depressed. This doesn't
seem to happen - although trying to make contact with pin 9 was quite
tricky - so I can't be sure.

Due to the solid construction of the radio, I've not had the time (or
confidence) to strip it right down.

Is there anything else obvious I can check? From memory - the ATU
failed shortly (perhaps immediatley) after the temporary 'wideband
transmit' trick (power on with clear and enter buttons depressed?) to
enable TX on the extended 40m band. Menu settings are set correctly
(ATU enabled).

On switching in the ATU, nothing happens. Pressing the 'tune' button
also does nothing. On disassembling, re-assembling and then
performing a full reset, it did bleep some lengthy CW at me when

pressing 'tune' - but only did this once, and I'm not proficient
enough at CW to instantly read it. I can't replicate this.

Help! If all else fails I'll send it off to Kenwood - but the cost of
repairs may not be worthwhile on a radio of this age :(

Steve M0SPN
--
Amateur Radio UK:- http://www.aruk.org.uk

THANKS FOR USING TS-850_450_690@...

SPONSORED LINKS Ham radio Craft hobby Hobby and craft supply
Hobby supply Ham radio sales Rules of the road

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b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

[Non-text portions of this message have been removed]

# 3445. Dimmer switch

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-10 08:32:18 UTC
From: rapi02
Topic: 2159  Message: 3445

Hello friends

I'm newbie and have TS-850 with dimmer switch problem. When I swtch
that button, the display don't change the brigthness of the display.
Where I must check first for this problem? Any suggestions and comments
really appreciate. Sorry for my poor English.

Win, Java Island Indonesia

# 3446. Re: TS450S tuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-10 19:09:03 UTC
From: Tom
Topic: 3443  Message: 3446

My favorite trick is to forget to turn up the carrier level when I want to tune on SSB . You could use CW or AM but without carrier the tuner won't work.

Tom K7PEJ

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...> wrote:
> This message was sent to me by Steve, maybe we can help him out.
> Max
>
>
> Hi All,
>
> Quick question: Are there any known reasons for failure of the TS450S
> internal ATU? .........

# 3447. Re: [TS-850_450_690] Dimmer switch

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-10 20:17:38 UTC
From: ve3wej
Topic: 2159  Message: 3447

check the switchto verify its actuating the circuit, then need schematic to
tracebefore and after that to find where it is failing..

----- Original Message -----
From: "rapi02" <win@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, August 10, 2005 4:32 AM
Subject: [TS-850_450_690] Dimmer switch

> Hello friends
>
> I'm newbie and have TS-850 with dimmer switch problem. When I swtch
> that button, the display don't change the brigthness of the display.
> Where I must check first for this problem? Any suggestions and comments
> really appreciate. Sorry for my poor English.
>
> Win, Java Island Indonesia
>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3448. Re: Dimmer switch

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-11 04:48:04 UTC
From: rapi02
Topic: 2159  Message: 3448

OK, I'll check the switch. Thanks.

Win

--- In TS-850_450_690@yahoogroups.com, "ve3wej" <ve3wej@c...> wrote:
> check the switchto verify its actuating the circuit, then need
schematic to
> tracebefore and after that to find where it is failing..
>

# 3449. TS-850S/AT Filters [One More Time]

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-12 19:52:29 UTC
From: Mark Saunders
Topic: 3449  Message: 3449

Yesterday, I installed the filters in my 850. WOW! What a difference. I can't believe I used this radio for 10 years without filters. I installed the 500 Hz CW filter and the 1.8 KHz SSB filter. I installed them only because I got them dirt cheap. The difference is like night and day.

Mark Saunders, KJ7BS
BSD High Power Rocketry
Glendale, AZ
http://www.bsdrocketry.com

# 3450. Re: [TS-850_450_690] TS-850S/AT Filters [One More Time]

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-12 20:09:53 UTC
From: ve3wej
Topic: 3449  Message: 3450

any more available for dirt cheap (narrow ssb one needed here yk88sn-1)

----- Original Message -----
From: "Mark Saunders" <kj7bs@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, August 12, 2005 3:52 PM
Subject: [TS-850_450_690] TS-850S/AT Filters [One More Time]

> Yesterday, I installed the filters in my 850. WOW! What a difference.
> I can't believe I used this radio for 10 years without filters. I
> installed the 500 Hz CW filter and the 1.8 KHz SSB filter. I installed
> them only because I got them dirt cheap. The difference is like night
> and day.
>
> Mark Saunders, KJ7BS
> BSD High Power Rocketry
> Glendale, AZ
> http://www.bsdrocketry.com
>
>
>
>
>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>

# 3451. Re: [TS-850_450_690] TS-850S/AT Filters [One More Time]

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-13 02:36:27 UTC
From: Bill K0ZL
Topic: 3449  Message: 3451

Good going, Mark, enjoy that "new rig", hi!

bill

--- Mark Saunders <kj7bs@...> wrote:

> Yesterday, I installed the filters in my 850. WOW!
> What a difference.
> I can't believe I used this radio for 10 years
> without filters. I
> installed the 500 Hz CW filter and the 1.8 KHz SSB
> filter. I installed
> them only because I got them dirt cheap. The
> difference is like night
> and day.
>
> Mark Saunders, KJ7BS
> BSD High Power Rocketry
> Glendale, AZ
> http://www.bsdrocketry.com
>
>
>
>
>

When in doubt, MODIFY...

# 3452. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-13 13:22:10 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 3452

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /signal_monitor.jpg
Uploaded by : max_ve3tmt <max_ve3tmt@...>
Description : Monitor your SSB signal as it sounds over the air.

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/signal_monitor.jpg

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

max_ve3tmt <max_ve3tmt@...>

# 3453. Re: Signal Monitor

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-13 13:29:18 UTC
From: max_ve3tmt
Topic: 3453  Message: 3453

In reference to the previous message, this circuit will allow you to monitor your signal as it sounds to the operator on the other end. Currently there are two types of TX monitors being incorporated into HF radios. One type for example is found in the TS570 series radios. This is strictly an AF MONITOR. All it does is give you a sample of what your mic audio sounds like. Depending on filter bandwidth, external mic EQ'ing for example, your actual transmitted signal may sound nothing like this. The monitor found on the TS830, TS850, and TS940's to name a few are IF monitors. These monitors actually sample your transmitted SSB signal after the filters and re-insert a carrier so you can here how you sound over the air. This is a feature many people would like to have. I found this circuit in an old 73 magazine from the 80's. Looks like it would be pretty easy to build, so I thought some of you guys might be interested. I may even build one myself. I don't need it in the 850 but it would be good to have on hand.

73,

Max

# 3454. TS-850 Slope Tuning Control Needed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-13 15:58:54 UTC
From: Dudley Parkin
Topic: 3454  Message: 3454

Hello all, I need the slope tuning control,I realize that it is mounted on a small board with the memory tuning, if any one has this board please let me know I would like to purchase it! Thanks
Dudley/W5DUD

# 3455. Re: [TS-850_450_690] TS850sat Display Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-14 12:53:12 UTC
From: Nik Read
Topic: 3424  Message: 3455

F.A.O Gary VE3RIN,

Thanks for reply but I'm sending this via the group just in case others have any thoughts !!..

I have changed the C18 but still no Joy.. I'm still a bit confused with C7, is this the one on the Display board ?? Also as I said in my last 225uf is not a standard value, so I'm told ??, so I was sold 220uf instead.. Could You please confirm with Your contact and see if this value would do when the original is 100uf !..

Thanks for assistance,

Nik
M5DND

--
No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.300 / Virus Database: 267.10.7 - Release Date: 11/08/05

# 3456. TS-850sat Display problems again!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-14 19:14:21 UTC
From: Nik Read
Topic: 3456  Message: 3456

Sorry for this folks but HELP !!!

I changed the C18 cap on my display board today but it made no difference.. The display still did not work!!..
There was sign's of slight leakage but nothing major, the tracks were not damaged.

Looking at previous e-mails on the subject I found one from Paul Pagel referring to " checking the
electrolytic on the +B line"... Can anyone (Paul perhaps?) please tell me which Capacitor this is ??

Also "Check the high voltage inverter. When the display is working, There is a long fluorescent bulb.
Check with display when on, you should be able to find 50-60V" Where do I take the measurement from ??
Is the High Voltage Inverter the metal box on the display board ??..

These question's might sound silly but I would like a second opinion as I want to be sure !!!!..

Thanks for any help in advance, and for help so far ...

73's
Nik
M5DND

---

No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.300 / Virus Database: 267.10.7 - Release Date: 11/08/05

[Non-text portions of this message have been removed]

# 3457. TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-15 14:42:55 UTC
From: KE5CTY Bob
Topic: 3457  Message: 3457

In looking for a rig for contesting it was mentioned I
should look for a TS-850 or a TS-690.

Are these rigs pretty much the same operationally?

73 fer nw,
Bob
KE5CTY (old calls WB5ZQU - WY5L)
10X# 37210, FP#-1141, SMIRK#-5177
http://www.qsl.net/ke5cty/
Code may be taking a back seat for now,
but the pioneering spirit that put the code
there in the first place is out front of it all.

# 3458. Re: TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-15 14:58:42 UTC
From: K9OR
Topic: 3457  Message: 3458

Bob,

The 690 is basically a 450 with 6m capability.
The 850 has many additional features that make it a much better
contest rig. If you need 6m, use a transverter - 850 designed with
transverter use in mind.

73 Randy K9OR

--- In TS-850_450_690@yahoogroups.com, "KE5CTY Bob" <rtnmi@s...>
wrote:
> In looking for a rig for contesting it was mentioned I
> should look for a TS-850 or a TS-690.
> Are these rigs pretty much the same operationally?

# 3459. Re: [TS-850_450_690] TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-15 15:01:57 UTC
From: Zack Widup
Topic: 3457  Message: 3459

I haven't used a TS-690 but the 850 is a superb contesting rig. It still holds its own against the newer radios.

73, Zack W9SZ

On Mon, 15 Aug 2005, KE5CTY Bob wrote:

> In looking for a rig for contesting it was mentioned I
> should look for a TS-850 or a TS-690.
>
> Are these rigs pretty much the same operationally?
>
> 73 fer nw,
> Bob
> KE5CTY (old calls WB5ZQU - WY5L)
> 10X# 37210, FP#-1141, SMIRK#-5177
> http://www.qsl.net/ke5cty/
> Code may be taking a back seat for now,
> but the pioneering spirit that put the code
> there in the first place is out front of it all.
>

# 3460. Re: [TS-850_450_690] TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-15 15:40:43 UTC
From: KD5NWA
Topic: 3457  Message: 3460

The TS-850 is the contest version, the TS-450/TS-690 are lower price versions.

The TS-850 has a completely different front end that can deal with
nearby strong signals way better than the other two models.

I own a TS-450 and it can't compete under harsh conditions with my
friend's TS-850 or my older TS-930.

During the last field day, my TS-930 would not be bothered at all by
another ham transmitting 70 KHz away from my frequency and his
antenna 20 feet away from mine, but my TS-450 would be knocked out by
someone transmitting on another band, a big difference.

At 09:42 AM 8/15/2005, you wrote:
>In looking for a rig for contesting it was mentioned I
>should look for a TS-850 or a TS-690.
>
>Are these rigs pretty much the same operationally?
>
>73 fer nw,
>Bob
>KE5CTY (old calls WB5ZQU - WY5L)
>10X# 37210, FP#-1141, SMIRK#-5177
>http://www.qsl.net/ke5cty/
>Code may be taking a back seat for now,
>but the pioneering spirit that put the code
>there in the first place is out front of it all.
>
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>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
>
>
>
>

Cecil Bayona
KD5NWA
www.qrpradio.com

'Never argue with an idiot. They drag you down to their level then
beat you with experience.'

# 3461. Re: [TS-850_450_690] TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-15 18:39:57 UTC
From: Bill K0ZL
Topic: 3457  Message: 3461

The 690 is like a 450 with 6 meters.

The 850 is HF only, 10-160 plus gen coverage

850 is slightly better, esp if you like CW full break
in.

450/690 very cabable and reliable rigs too, and
smaller; so you decide what you need.

b

--- KE5CTY Bob <rtnmi@...> wrote:

> In looking for a rig for contesting it was mentioned
> I
> should look for a TS-850 or a TS-690.
>
> Are these rigs pretty much the same operationally?
>
> 73 fer nw,
> Bob
> KE5CTY (old calls WB5ZQU - WY5L)
> 10X# 37210, FP#-1141, SMIRK#-5177
> http://www.qsl.net/ke5cty/
> Code may be taking a back seat for now,
> but the pioneering spirit that put the code
> there in the first place is out front of it all.
>
>
>

When in doubt, MODIFY...

# 3462. RE: [TS-850_450_690] TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-15 21:10:30 UTC
From: KE5CTY Bob
Topic: 3457  Message: 3462

What about the 950s or 950/s/at isn't it a better rig than the 850 it is newer right? Also I am seeing a lot of 850/s 850/s/at but not too many 850's. Are those the same rig with some kind of mod or something?

I know this may sound like a stupid question to some but I really don't know much about Kenwood and want to learn the overall line-up.

Like what is the difference between a TS- and a TR or a TR-### and a TR-###/s and a TR-###/at and a TR-###/s/at ect, that type of thing.

Is there a website that has honored Kenwood with a full blown lining out of the rigs so to speak were I can study the differences?

73 fer nw,
Bob
KE5CTY (old calls WB5ZQU - WY5L)
10X# 37210, FP#-1141, SMIRK#-5177
http://www.qsl.net/ke5cty/
Code may be taking a back seat for now,
but the pioneering spirit that put the code
there in the first place is out front of it all.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com] On Behalf Of KD5NWA
Sent: Monday, August 15, 2005 10:41 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-690

The TS-850 is the contest version, the TS-450/TS-690 are lower price versions.

The TS-850 has a completely different front end that can deal with
nearby strong signals way better than the other two models.

I own a TS-450 and it can't compete under harsh conditions with my
friend's TS-850 or my older TS-930.

During the last field day, my TS-930 would not be bothered
at all by
another ham transmitting 70 KHz away from my frequency and
his
antenna 20 feet away from mine, but my TS-450 would be
knocked out by
someone transmitting on another band, a big difference.

At 09:42 AM 8/15/2005, you wrote:
>In looking for a rig for contesting it was mentioned I
>should look for a TS-850 or a TS-690.
>
>Are these rigs pretty much the same operationally?
>
>73 fer nw,
>Bob
>KE5CTY (old calls WB5ZQU - WY5L)
>10X# 37210, FP#-1141, SMIRK#-5177
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>there in the first place is out front of it all.
>
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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>

Cecil Bayona
KD5NWA
www.qrpradio.com

'Never argue with an idiot. They drag you down to their
level then
beat you with experience.'

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THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3463. RE: [TS-850_450_690] TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-16 00:50:53 UTC
From: KJ7BS
Topic: 3457  Message: 3463

The official model name is TS-850S and the /AT designates the model with the internal antenna tuner. You can add the internal automatic antenna tuner to the TS-850S, if you can find one.

I've had my TS-850S/AT since 1995 and have worked many contests and countries with it. The tuner has tuned anything I have connected to the antenna jack.

I finally added the YK-445C-1 (500Hz CW filter), YK-88C-1 (500Hz CW filter), and the KY-88SN-1 (1.8KHz SSB filter) last week. What a difference these filters make.

I've not experienced the display problem some are reporting nor have I had to replace the Li-on battery. The display does take a few seconds to light if I have not used the radio for more than a month.

Mark Saunders, KJ7BS

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of KE5CTY Bob
Sent: Monday, August 15, 2005 2:11 PM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] TS-690

What about the 950s or 950/s/at isn't it a better rig than the 850 it is newer right? Also I am seeing a lot of 850/s 850/s/at but not too many 850's. Are those the same rig with some kind of mod or something?

I know this may sound like a stupid question to some but I really don't know much about Kenwood and want to learn the overall line-up.

Like what is the difference between a TS- and a TR or a TR-### and a TR-###/s and a TR-###/at and a TR-###/s/at ect, that type of thing.

Is there a website that has honored Kenwood with a full blown lining out of the rigs so to speak were I can study the differences?

73 fer nw,
Bob
KE5CTY (old calls WB5ZQU - WY5L)
10X# 37210, FP#-1141, SMIRK#-5177
http://www.qsl.net/ke5cty/

Code may be taking a back seat for now,
but the pioneering spirit that put the code
there in the first place is out front of it all.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com] On Behalf Of
KD5NWA
Sent: Monday, August 15, 2005 10:41 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-690

The TS-850 is the contest version, the TS-450/TS-690 are
lower price versions.

The TS-850 has a completely different front end that can
deal with
nearby strong signals way better than the other two
models.

I own a TS-450 and it can't compete under harsh conditions
with my
friend's TS-850 or my older TS-930.

During the last field day, my TS-930 would not be bothered
at all by
another ham transmitting 70 KHz away from my frequency and
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antenna 20 feet away from mine, but my TS-450 would be
knocked out by
someone transmitting on another band, a big difference.

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>THANKS FOR USING TS-850_450_690@...

>Yahoo! Groups Links
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Cecil Bayona
KD5NWA
www.qrpradio.com

'Never argue with an idiot. They drag you down to their
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THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3464. RE: [TS-850_450_690] TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-16 02:47:26 UTC
From: Bill K0ZL
Topic: 3457  Message: 3464

TR-XXXX AND TM-XXXX pretty much are V/U mobile rigs.

TS-nnnn is the HF base stations, except the TS-711 was
a multi mode VHF rig... go figure.

Anyway, the 950 is a great radio, the 850 pretty much
copies the 950 but in miniature with 12v finals, no
internal supply, and several bells and whistles
missing but the internals are very close; i.e. first
and second mixer designs, RF amps, etc; the 950 has a
lot more circuitry to do more pony tricks than the
850.

950 also has dual-freq receive but must be in same
band. 850 does not. So buy 2 each 850's used... hi

The 850 came in two flavors, std with autotuner and
without. The TS-850S was valid for both units, the AT
unit had "W/AT" stamped the box but they shared the
same model number as far as the tech literature etc is
concerned.

b

--- KE5CTY Bob <rtnmi@...> wrote:

> What about the 950s or 950/s/at isn't it a better
> rig than
> the 850 it is newer right? Also I am seeing a lot of
> 850/s
> 850/s/at but not too many 850's. Are those the same
> rig
> with some kind of mod or something?
>
> I know this may sound like a stupid question to some
> but I
> really don't know much about Kenwood and want to
> learn the
> overall line-up.
>
> Like what is the difference between a TS- and a TR
> or a
> TR-### and a TR-###/s and a TR-###/at and a
> TR-###/s/at
> ect, that type of thing.
>
> Is there a website that has honored Kenwood with a

> full
> blown lining out of the rigs so to speak were I can
> study
> the differences?
>
> 73 fer nw,
> Bob
> KE5CTY (old calls WB5ZQU - WY5L)
> 10X# 37210, FP#-1141, SMIRK#-5177
> http://www.qsl.net/ke5cty/
> Code may be taking a back seat for now,
> but the pioneering spirit that put the code
> there in the first place is out front of it all.
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of
> KD5NWA
> Sent: Monday, August 15, 2005 10:41 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] TS-690
>
>
> The TS-850 is the contest version, the TS-450/TS-690
> are
> lower price versions.
>
> The TS-850 has a completely different front end that
> can
> deal with
> nearby strong signals way better than the other two
> models.
>
> I own a TS-450 and it can't compete under harsh
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> with my
> friend's TS-850 or my older TS-930.
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> During the last field day, my TS-930 would not be
> bothered
> at all by
> another ham transmitting 70 KHz away from my
> frequency and
> his
> antenna 20 feet away from mine, but my TS-450 would
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> knocked out by
> someone transmitting on another band, a big
> difference.

>
>
> At 09:42 AM 8/15/2005, you wrote:
> >In looking for a rig for contesting it was
> mentioned I
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> >Are these rigs pretty much the same operationally?
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> >
> >THANKS FOR USING TS-850_450_690@...
> >Yahoo! Groups Links
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> Cecil Bayona
> KD5NWA
> www.qrpradio.com
>
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>
> THANKS FOR USING TS-850_450_690@...
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When in doubt, MODIFY...

# 3465. Need help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-16 02:49:31 UTC
From: KE5CTY Bob
Topic: 3465  Message: 3465

I sent a message to two groups which seemed as though they
were general Kenwood groups thinking that would be the
place to post my question. Well, it has been over four
hours now and not one response.

Please someone help me on this question:

I am the proud owner of a
new/used TR-9130 2m all mode.

Works and looks great (nice little rig)some neat functions
associated with it a really quiet receiver.

Three quick questions:
1) Does this rig have an internal tone board?

2) If not:
What is the "tone" button for on the front? I saw in the
manual it said something about repeater operation but the
frequency seems way off for the 110 tone I am needing.

3) If this isn't a tone as we know tones today can you
give this machine tones somehow or is this rig destined to
be my SSB/CW/fm simplex only rig?

73 fer nw,
Bob
KE5CTY (old calls WB5ZQU - WY5L)
10X# 37210, FP#-1141, SMIRK#-5177
http://www.qsl.net/ke5cty/
Code may be taking a back seat for now,
but the pioneering spirit that put the code
there in the first place is out front of it all.

# 3466. Re: [TS-850_450_690] Need help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-16 03:00:53 UTC
From: Bill K0ZL
Topic: 3465  Message: 3466

Hi Bob,

AS I have posted before, please allow 24 hours for a response to a specific inquiry. It sometimes takes us that long to get our books out and get an answer for you.

If none is forthcoming, it does not mean that no one heard your request; it means that no one has the answer you request.

That said, the 9130 did have a tone option board but I don't have the number for it. It's impossible to find these now anyway, barring a stroke of luck.

You can add a Comspec board to the 9130 but it takes some doing to find the right 8v tx only source and the correct injection point. And you need to feed the Kenwood rigs from the Comspec boards with a 47-100K resistor to drop the audio levels and to keep the Comspec board from loading down the TX audio.

bill K0ZL

--- KE5CTY Bob <rtnmi@...> wrote:

> I sent a message to two groups which seemed as
> though they
> were general Kenwood groups thinking that would be
> the
> place to post my question. Well, it has been over
> four
> hours now and not one response.
>
> Please someone help me on this question:
>
> I am the proud owner of a
> new/used TR-9130 2m all mode.
>
> Works and looks great (nice little rig)some neat
> functions
> associated with it a really quiet receiver.
>
> Three quick questions:
> 1) Does this rig have an internal tone board?
>
> 2) If not:

> What is the "tone" button for on the front? I saw in
> the
> manual it said something about repeater operation
> but the
> frequency seems way off for the 110 tone I am
> needing.
>
> 3) If this isn't a tone as we know tones today can
> you
> give this machine tones somehow or is this rig
> destined to
> be my SSB/CW/fm simplex only rig?
>
> 73 fer nw,
> Bob
> KE5CTY (old calls WB5ZQU - WY5L)
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> Code may be taking a back seat for now,
> but the pioneering spirit that put the code
> there in the first place is out front of it all.
>
>
>
>

When in doubt, MODIFY...

# 3467. RE: [TS-850_450_690] Need help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-16 03:28:55 UTC
From: KE5CTY Bob
Topic: 3465  Message: 3467

I apologize for my impatience you guys do a good job.
Please sincerely forgive me for any offense.

I was frustrated when I got it and saw the "tone" button,
but then figured out it must not mean tone as I know tone
to mean today.

What was that "tone" button far when it was made?

73 fer nw,
Bob
KE5CTY (old calls WB5ZQU - WY5L)
10X# 37210, FP#-1141, SMIRK#-5177
http://www.qsl.net/ke5cty/
Code may be taking a back seat for now,
but the pioneering spirit that put the code
there in the first place is out front of it all.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com] On Behalf Of Bill
K0ZL
Sent: Monday, August 15, 2005 10:01 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Need help

Hi Bob,

AS I have posted before, please allow 24 hours for a
response to a specific inquiry. It sometimes takes us
that long to get our books out and get an answer for
you.

If none is forthcoming, it does not mean that no one
heard your request; it means that no one has the
answer you request.

That said, the 9130 did have a tone option board but I
don't have the number for it. It's impossible to find
these now anyway, barring a stroke of luck.

You can add a Comspec board to the 9130 but it takes
some doing to find the right 8v tx only source and the
correct injection point. And you need to feed the
Kenwood rigs from the Comspec boards with a 47-100K
resistor to drop the audio levels and to keep the
Comspec board from loading down the TX audio.

bill K0ZL

--- KE5CTY Bob <rtnmi@...> wrote:

> I sent a message to two groups which seemed as
> though they
> were general Kenwood groups thinking that would be
> the
> place to post my question. Well, it has been over
> four
> hours now and not one response.
>
> Please someone help me on this question:
>
> I am the proud owner of a
> new/used TR-9130 2m all mode.
>
> Works and looks great (nice little rig)some neat
> functions
> associated with it a really quiet receiver.
>
> Three quick questions:
> 1) Does this rig have an internal tone board?
>
> 2) If not:
> What is the "tone" button for on the front? I saw in
> the
> manual it said something about repeater operation
> but the
> frequency seems way off for the 110 tone I am
> needing.
>
> 3) If this isn't a tone as we know tones today can
> you
> give this machine tones somehow or is this rig
> destined to
> be my SSB/CW/fm simplex only rig?
>
> 73 fer nw,
> Bob
> KE5CTY (old calls WB5ZQU - WY5L)
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> Code may be taking a back seat for now,
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When in doubt, MODIFY...

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THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3468. Re: [TS-850_450_690] TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-16 10:42:01 UTC
From: Tom LeClerc W1TJL
Topic: 3457  Message: 3468

Morning Guys,

My two cents...

On 8/15/05, Bill K0ZL <coorsbill@...> wrote:
> Anyway, the 950 is a great radio, the 850 pretty much copies the 950 but in miniature with 12v finals, no internal supply, and several bells and whistles missing but the internals are very close; i.e. first and second mixer designs, RF amps, etc; the 950 has a lot more circuitry to do more pony tricks than the 850.

And a LOT more weight! :)

> 950 also has dual-freq receive but must be in same band. 850 does not. So buy 2 each 850's used... hi

Actually the SDX has dual receive that can be in different bands.. t
requires Power on reset keypress to enable it but it works fine...

And I wouldn't trade my 950SDX for a Mark V on a bet! But don't tempt
me with the FT-9000...

I also have a TS-690SAT with the DSP-100 and that is a pretty decent
radio too. The receiver is not quite the 950 but it's better tan most
ans is a good SO2R mate and it was great in the camper...

73, Tom W1TJL

--
Tom LeClerc, Amateur Radio Station W1TJL
(past calls WB1CBY, /VE8, /VE1, /VO8)

LeClerc Consulting
email: w1tjl@arrl.net
PC/Network Consulting

# 3469. Re: [TS-850_450_690] Need help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-16 03:55:48 UTC
From: jeryb77
Topic: 3465  Message: 3469

Bob,
Tone button on most of the older rigs was for a single frequency "tone burst" usually 1750Hz as I recall. Can't say I have ever run across a repeater that used it for access. You could outfit the rig with a tone board manufactured by Communication Specialists however you are pretty much limited to a single tone without doing a lot of extra work...but perhaps the repeaters you need to access are using the same tone frequency.

http://www.com-spec.com/ss64.htm

http://www.com-spec.com/insheet/tr9130.pdf

Jerry
----- Original Message -----
From: KE5CTY Bob
To: TS-850_450_690@yahoogroups.com
Sent: Monday, August 15, 2005 10:49 PM
Subject: [TS-850_450_690] Need help

I sent a message to two groups which seemed as though they were general Kenwood groups thinking that would be the place to post my question. Well, it has been over four hours now and not one response.

Please someone help me on this question:

I am the proud owner of a
new/used TR-9130 2m all mode.

Works and looks great (nice little rig)some neat functions associated with it a really quiet receiver.

Three quick questions:
1) Does this rig have an internal tone board?

2) If not:
What is the "tone" button for on the front? I saw in the manual it said something about repeater operation but the frequency seems way off for the 110 tone I am needing.

3) If this isn't a tone as we know tones today can you give this machine tones somehow or is this rig destined to be my SSB/CW/fm simplex only rig?

73 fer nw,
Bob
KE5CTY (old calls WB5ZQU - WY5L)
10X# 37210, FP#-1141, SMIRK#-5177
http://www.qsl.net/ke5cty/

Code may be taking a back seat for now,
but the pioneering spirit that put the code
there in the first place is out front of it all.

THANKS FOR USING TS-850_450_690@...

---

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---

[Non-text portions of this message have been removed]

# 3470. Re: [TS-850_450_690] TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-16 11:25:42 UTC
From: Ron Meiring
Topic: 3457  Message: 3470

Good Morning, or evening from downunder ....

In my opinion the 850 is better than the 950 for the following
reasons.
We just said that the Mixer the IF etc etc is more or less the same.
Correct that is the case.
Still I think the 850 is better .... Why ?
Ehh the 950 has some leakage which can't be solved.
So you will hear ghost signals in the band because of the second
receiver.
KISS wins.
Any way the 950 is still a very nice radio, which I wouldn't mind
having in the shack.
Hopefully I did not step on some toes ...

Ahh forgot one thing where the 950 would be better ....
The 850 is too sensitive, with the 950 Kenwood understood that
better, and reduced the sensitivity, and traded that for strong
signal behaviour.

Still you could do the same with the 850, just have the 6 dB
attunator always in.

73 Ron
VK6KDD

Down under ...

On Tue, 16 Aug 2005 06:42:01 -0400, Tom LeClerc W1TJL wrote:
>Morning Guys,
>
>My two cents...
>
>On 8/15/05, Bill K0ZL <coorsbill@...> wrote:
>>Anyway, the 950 is a great radio, the 850 pretty much copies the
>>950 but in miniature with 12v finals, no internal supply, and
>>several bells and whistles missing but the internals are very
>>close; i.e. first and second mixer designs, RF amps, etc; the 950
>>has a lot more circuitry to do more pony tricks than the 850.
>
>And a LOT more weight! :)
>
>>950 also has dual-freq receive but must be in same band. 850 does
>>not. So buy 2 each 850's used... hi
>
>Actually the SDX has dual receive that can be in different

bands.. t
>requires Power on reset keypress to enable it but it works fine...
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>And I wouldn't trade my 950SDX for a Mark V on a bet! But don't
>tempt
>me with the FT-9000...
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>I also have a TS-690SAT with the DSP-100 and that is a pretty decent
>radio too. The receiver is not quite the 950 but it's better tan
>most
>ans is a good SO2R mate and it was great in the camper...
>
>73, Tom W1TJL

# 3471. Re: [TS-850_450_690] TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-16 13:23:59 UTC
From: Paul Manuel
Topic: 3457  Message: 3471

--- Ron Meiring <rmeiring@...> wrote:
> Good Morning, or evening from downunder ....
> In my opinion the 850 is better than the 950 for the following
> reasons.

I don't have the review in front of me, but QST said that the 850 was in some ways "significantly better" than the 950S. (I think my quote is correct!) Of course, that may apply only to the original 950S version.
73,
Paul K4PDM

_____
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# 3472. Re: [TS-850_450_690] TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-16 13:31:49 UTC
From: Paul
Topic: 3457  Message: 3472

I have been a Kenwood user for many years, and currently have a 130-V,
130-SE, TS-930, TS-850-SAT, and (GASP!!) a Icom 756Pro-III.

The TS-850 is a really fine radio. I bought it new shortly after they
came out, and it has been in daily use ever sinse without any failures.

It will always be here - it is user friendly for it's complexity, and CW
is very good

Paul - K2BK

Paul Manuel wrote:

> 
> 
> --- Ron Meiring <rmeiring@...> wrote:
> > Good Morning, or evening from downunder ....
> > In my opinion the 850 is better than the 950 for the following
> > reasons.
> 
> I don't have the review in front of me, but QST said that the 850 was in
> some ways "significantly better" than the 950S. (I think my quote is
> correct!) Of course, that may apply only to the original 950S version.
> 73,
> Paul K4PDM
> 
> _____
> Do You Yahoo!?
> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
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> 
> THANKS FOR USING TS-850_450_690@...
> 
> 
> 
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> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=TKovM7oc7Hb7m7s1QnI8NQ>
> Craft hobby
> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=aCczxYGbc7HEzWT6A98gsQ>
> Hobby and craft supply

> <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=s4sTMX8XokRW5aUB02kneA>
>
> Hobby supply
> <http://groups.yahoo.com/gads?t=ms&k=Hobby+supply&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=0uugnZ5_x2AbjpJBmHK08g>
> Ham radio sales
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=Jmg2vAad2Nt8XBbyFDi9Kw>
> Rules of the road
> <http://groups.yahoo.com/gads?t=ms&k=Rules+of+the+road&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=bmZN_46zOf9OYOVdq99rSg>
>
>
>
> ------------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ------------------------------------------------------------------------
>

[Non-text portions of this message have been removed]

# 3473. Re: [TS-850_450_690] Need help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-16 13:42:18 UTC
From: KD5SFA
Topic: 3465  Message: 3473

If I recall correctly and I could be wrong, but I think the 1750hz tone burst was
for European repeaters mainly in the UK.

73,
Jon
KD5SFA

-----Original Message-----
From: jeryb77 <jeryb77@...>
Sent: Aug 15, 2005 10:55 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Need help

Bob,
Tone button on most of the older rigs was for a single frequency "tone burst" usually
1750Hz as I recall. Can't say I have ever run across a repeater that used it for access.
You could outfit the rig with a tone board manufactured by Communication Specialists
however you are pretty much limited to a single tone without doing a lot of extra
work...but perhaps the repeaters you need to access are using the same tone frequency.

http://www.com-spec.com/ss64.htm

http://www.com-spec.com/insheet/tr9130.pdf

Jerry
----- Original Message -----
From: KE5CTY Bob
To: TS-850_450_690@yahoogroups.com
Sent: Monday, August 15, 2005 10:49 PM
Subject: [TS-850_450_690] Need help

I sent a message to two groups which seemed as though they
were general Kenwood groups thinking that would be the
place to post my question. Well, it has been over four
hours now and not one response.

Please someone help me on this question:

I am the proud owner of a
new/used TR-9130 2m all mode.

Works and looks great (nice little rig)some neat functions
associated with it a really quiet receiver.

Three quick questions:
1) Does this rig have an internal tone board?

2) If not:
What is the "tone" button for on the front? I saw in the
manual it said something about repeater operation but the
frequency seems way off for the 110 tone I am needing.

3) If this isn't a tone as we know tones today can you
give this machine tones somehow or is this rig destined to
be my SSB/CW/fm simplex only rig?

73 fer nw,
Bob
KE5CTY (old calls WB5ZQU - WY5L)
10X# 37210, FP#-1141, SMIRK#-5177
http://www.qsl.net/ke5cty/
Code may be taking a back seat for now,
but the pioneering spirit that put the code
there in the first place is out front of it all.

THANKS FOR USING TS-850_450_690@...

---

YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

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---

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3474. RE: [TS-850_450_690] Need help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-16 15:45:47 UTC
From: KE5CTY Bob
Topic: 3465  Message: 3474

Thanks fellows this helps me get started on my own
research. I appreciate the input.

73 fer nw,
Bob
KE5CTY (old calls WB5ZQU - WY5L)
10X# 37210, FP#-1141, SMIRK#-5177
http://www.qsl.net/ke5cty/
Code may be taking a back seat for now,
but the pioneering spirit that put the code
there in the first place is out front of it all.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com] On Behalf Of
KD5SFA
Sent: Tuesday, August 16, 2005 8:42 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Need help

If I recall correctly and I could be wrong, but I think
the 1750hz tone burst was for European repeaters mainly in
the UK.

73,
Jon
KD5SFA

-----Original Message-----
From: jeryb77 <jeryb77@...>
Sent: Aug 15, 2005 10:55 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Need help

Bob,
Tone button on most of the older rigs was for a single
frequency "tone burst" usually 1750Hz as I recall. Can't
say I have ever run across a repeater that used it for
access. You could outfit the rig with a tone board
manufactured by Communication Specialists however you are
pretty much limited to a single tone without doing a lot
of extra work...but perhaps the repeaters you need to
access are using the same tone frequency.

http://www.com-spec.com/ss64.htm

http://www.com-spec.com/insheet/tr9130.pdf

Jerry
----- Original Message -----
From: KE5CTY Bob
To: TS-850_450_690@yahoogroups.com
Sent: Monday, August 15, 2005 10:49 PM
Subject: [TS-850_450_690] Need help

I sent a message to two groups which seemed as though
they
were general Kenwood groups thinking that would be the
place to post my question. Well, it has been over four
hours now and not one response.

Please someone help me on this question:

I am the proud owner of a
new/used TR-9130 2m all mode.

Works and looks great (nice little rig)some neat
functions
associated with it a really quiet receiver.

Three quick questions:
1) Does this rig have an internal tone board?

2) If not:
What is the "tone" button for on the front? I saw in the
manual it said something about repeater operation but
the
frequency seems way off for the 110 tone I am needing.

3) If this isn't a tone as we know tones today can you
give this machine tones somehow or is this rig destined
to
be my SSB/CW/fm simplex only rig?

73 fer nw,
Bob
KE5CTY (old calls WB5ZQU - WY5L)
10X# 37210, FP#-1141, SMIRK#-5177
http://www.qsl.net/ke5cty/
Code may be taking a back seat for now,
but the pioneering spirit that put the code
there in the first place is out front of it all.

THANKS FOR USING TS-850_450_690@...

---
---
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---
---

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...
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THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3475. Re: [TS-850_450_690] TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-16 18:21:43 UTC
From: John
Topic: 3457  Message: 3475

I bought a new TS 950 SD (not the SDX) around 10 to
12 years ago. I operated it for two months, and then bought
a new TS-850 SAT. I had both rigs side by side.......and,
I preferred the TS-850. I just preferred the sound of the RX
and TX audio from the 850. So the 950 SD got sold - and I still
today have the TS-850 SAT. It is currently sitting alongside
a new FT-1000 MKV field and TS-2000. The TS-850 SAT
still holds its own against these new rigs. I am not parting
with my TS-850 SAT, it's here to stay. Truely a solid
and reliable perfoming rig.

73

John ZS5J
Richards Bay,
South Africa

----- Original Message -----
From: Paul Manuel
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, August 16, 2005 3:23 PM
Subject: Re: [TS-850_450_690] TS-690

--- Ron Meiring <rmeiring@...> wrote:
> Good Morning, or evening from downunder ....
> In my opinion the 850 is better than the 950 for the following
> reasons.

I don't have the review in front of me, but QST said that the 850 was in
some ways "significantly better" than the 950S. (I think my quote is
correct!) Of course, that may apply only to the original 950S version.
73,
Paul K4PDM

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THANKS FOR USING TS-850_450_690@...

SPONSORED LINKS Ham radio Craft hobby Hobby and craft supply
Hobby supply Ham radio sales Rules of the road

---------------------------------------------------------------------------
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b.. To unsubscribe from this group, send an email to:
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c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

[Non-text portions of this message have been removed]

# 3476. RE: [TS-850_450_690] Need help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-16 19:14:17 UTC
From: Bill K0ZL
Topic: 3465  Message: 3476

There were or are two "tone" systems in use today. In Europe, most repeaters require a 1750 hz tone at the beginning of each transmission to open the machine.

Here in the US, we started with "whistle up", in which you would whistle up a machine; later systems got a little more sophisticated and looked also for the 1750 hz tone, or a touch -tone sequence to turn on the repeater. These were mostly for "closed" or restricted access machines.

Today in the US, even "open" machines are encouraged or required in some areas to use CTCSS, or continuous tone-coded squelch systems, also known as PL or Private Line (they are anything BUT private) or Quiet Channel (for the GE buffs). This relies on a sub-audible tone from about 68hz to around 250 hz, depending on the system requirements, to open the repeater squelch. This prevents a plain old carrier (or intermod, or jammer) from doing it, but also prevents an unknowing user or visitor from accessing the machine. Many repeater groups still fight this and have in fact modified their tone access, so that a toned signal will access the repeater and bring up the transmitter immediately, but a non-toned signal must be held for a second or two to do the same thing. This serves to keep out the increasingly-prevalent intermod from the repeater system but does not lock out the occasional user, visitor or non-member from using the machine, say, in an emergency.

That said, there are now some systems using digital squelch, which is another sub-audible system that uses a digital bit-train to bring up the machine instead of a continuous tone. The advantage here is greater security, many more tone possibilities and "quieter" operation in that it is harder to hear the digital squelch tones over a rig with a big speaker than with CTCSS.

The tone button in the older two meter rigs could be used to fire up a 1750 hz tone board (if in Europe) or an optional CTCSS board in the US. Most hams did not buy these boards for their old rigs because they weren't needed by and large, until a few years ago. Now, with CTCSS standard on every new rig, and digital

squelch available on many of them, the inclination to add CTCSS to older rigs is left to those that can do the work themselves or really like their older radios enough to justify paying someone else to do it.

Installing CTCSS on an older rig can run upwards of $100.00 with parts and labor.

With new rigs running $149.00 or less, with more power and more features than the newer rigs, not too many hams are interested in retrofitting the older rigs.

Short answer? SSB and SIMPLEX, HI!!!

You may wish to use a handheld to monitor your favorite machine.

Bill

--- KE5CTY Bob <rtnmi@...> wrote:

> I apologize for my impatience you guys do a good
> job.
> Please sincerely forgive me for any offense.
>
> I was frustrated when I got it and saw the "tone"
> button,
> but then figured out it must not mean tone as I know
> tone
> to mean today.
>
> What was that "tone" button far when it was made?
>
> 73 fer nw,
> Bob
> KE5CTY (old calls WB5ZQU - WY5L)
> 10X# 37210, FP#-1141, SMIRK#-5177
> http://www.qsl.net/ke5cty/
> Code may be taking a back seat for now,
> but the pioneering spirit that put the code
> there in the first place is out front of it all.
>
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of
> Bill
> K0ZL
> Sent: Monday, August 15, 2005 10:01 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Need help
>

> 
> Hi Bob,
> 
> AS I have posted before, please allow 24 hours for a
> response to a specific inquiry. It sometimes takes
> us
> that long to get our books out and get an answer for
> you.
> 
> If none is forthcoming, it does not mean that no one
> heard your request; it means that no one has the
> answer you request.
> 
> That said, the 9130 did have a tone option board but
> I
> don't have the number for it. It's impossible to
> find
> these now anyway, barring a stroke of luck.
> 
> You can add a Comspec board to the 9130 but it takes
> some doing to find the right 8v tx only source and
> the
> correct injection point. And you need to feed the
> Kenwood rigs from the Comspec boards with a 47-100K
> resistor to drop the audio levels and to keep the
> Comspec board from loading down the TX audio.
> 
> bill K0ZL
> 
> --- KE5CTY Bob <rtnmi@...> wrote:
> 
> > I sent a message to two groups which seemed as
> > though they
> > were general Kenwood groups thinking that would be
> > the
> > place to post my question. Well, it has been over
> > four
> > hours now and not one response.
> > 
> > Please someone help me on this question:
> > 
> > I am the proud owner of a
> > new/used TR-9130 2m all mode.
> > 
> > Works and looks great (nice little rig)some neat
> > functions
> > associated with it a really quiet receiver.
> > 
> > Three quick questions:
> > 1) Does this rig have an internal tone board?

> >
> > 2) If not:
> > What is the "tone" button for on the front? I saw
> in
> > the
> > manual it said something about repeater operation
> > but the
> > frequency seems way off for the 110 tone I am
> > needing.
> >
> > 3) If this isn't a tone as we know tones today can
> > you
> > give this machine tones somehow or is this rig
> > destined to
> > be my SSB/CW/fm simplex only rig?
> >
> > 73 fer nw,
> > Bob
> > KE5CTY (old calls WB5ZQU - WY5L)
> > 10X# 37210, FP#-1141, SMIRK#-5177
> > http://www.qsl.net/ke5cty/
> > Code may be taking a back seat for now,
> > but the pioneering spirit that put the code
> > there in the first place is out front of it all.
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> When in doubt, MODIFY...
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>
> THANKS FOR USING TS-850_450_690@...

> Yahoo! Groups Links
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>
>
>

When in doubt, MODIFY...

# 3477. Re: [TS-850_450_690] Need help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-16 19:14:48 UTC
From: Bill K0ZL
Topic: 3465  Message: 3477

What he said...

b

--- jeryb77 <jeryb77@...> wrote:

> Bob,
> Tone button on most of the older rigs was for a
> single frequency "tone burst" usually 1750Hz as I
> recall. Can't say I have ever run across a repeater
> that used it for access. You could outfit the rig
> with a tone board manufactured by Communication
> Specialists however you are pretty much limited to a
> single tone without doing a lot of extra work...but
> perhaps the repeaters you need to access are using
> the same tone frequency.
>
> http://www.com-spec.com/ss64.htm
>
> http://www.com-spec.com/insheet/tr9130.pdf
>
> Jerry
> ----- Original Message -----
> From: KE5CTY Bob
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, August 15, 2005 10:49 PM
> Subject: [TS-850_450_690] Need help
>
>
> I sent a message to two groups which seemed as
> though they
> were general Kenwood groups thinking that would be
> the
> place to post my question. Well, it has been over
> four
> hours now and not one response.
>
> Please someone help me on this question:
>
> I am the proud owner of a
> new/used TR-9130 2m all mode.
>
> Works and looks great (nice little rig)some neat
> functions
> associated with it a really quiet receiver.
>

> Three quick questions:
> 1) Does this rig have an internal tone board?
>
> 2) If not:
> What is the "tone" button for on the front? I saw
> in the
> manual it said something about repeater operation
> but the
> frequency seems way off for the 110 tone I am
> needing.
>
> 3) If this isn't a tone as we know tones today can
> you
> give this machine tones somehow or is this rig
> destined to
> be my SSB/CW/fm simplex only rig?
>
> 73 fer nw,
> Bob
> KE5CTY (old calls WB5ZQU - WY5L)
> 10X# 37210, FP#-1141, SMIRK#-5177
> http://www.qsl.net/ke5cty/
> Code may be taking a back seat for now,
> but the pioneering spirit that put the code
> there in the first place is out front of it all.
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
>
---
> YAHOO! GROUPS LINKS
>
> a.. Visit your group "TS-850_450_690" on the
> web.
>
> b.. To unsubscribe from this group, send an
> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
>
>
>

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>
>
>
> [Non-text portions of this message have been
> removed]
>
>
>
>

When in doubt, MODIFY...

# 3478. Re: [TS-850_450_690] TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-16 19:22:34 UTC
From: Bill K0ZL
Topic: 3457  Message: 3478

Thanks Tom, didn't know that abt the sdx.

I repair rigs but have never had an SDX in the shop!
hi

b

--- Tom LeClerc W1TJL <w1tjl@...> wrote:

> Morning Guys,
>
> My two cents...
>
> On 8/15/05, Bill K0ZL <coorsbill@...> wrote:
> > Anyway, the 950 is a great radio, the 850 pretty
> much copies the 950 but in miniature with 12v
> finals, no internal supply, and several bells and
> whistles missing but the internals are very close;
> i.e. first and second mixer designs, RF amps, etc;
> the 950 has a lot more circuitry to do more pony
> tricks than the 850.
>
> And a LOT more weight! :)
>
> > 950 also has dual-freq receive but must be in same
> band. 850 does not. So buy 2 each 850's used... hi
>
> Actually the SDX has dual receive that can be in
> different bands.. t
> requires Power on reset keypress to enable it but it
> works fine...
>
> And I wouldn't trade my 950SDX for a Mark V on a
> bet! But don't tempt
> me with the FT-9000...
>
> I also have a TS-690SAT with the DSP-100 and that is
> a pretty decent
> radio too. The receiver is not quite the 950 but
> it's better tan most
> ans is a good SO2R mate and it was great in the
> camper...
>
> 73, Tom W1TJL
>
> --

> Tom LeClerc, Amateur Radio Station W1TJL
> (past calls WB1CBY, /VE8, /VE1, /VO8)
>
> LeClerc Consulting
> email: w1tjl@...
> PC/Network Consulting
>

When in doubt, MODIFY...

# 3479. Re: [TS-850_450_690] TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-16 19:25:04 UTC
From: Bill K0ZL
Topic: 3457  Message: 3479

the 850 sensitivity is a good thing on 10-15 meters; I
often use the preamp there ("AIP" off).

On 20M and below, AIP is almost always ON (preamp
off).

Which they had labeled that correctly, "preamp
on/off". It's so confusing the way it is.

bill

--- Ron Meiring <rmeiring@...> wrote:

> Good Morning, or evening from downunder ....
>
> In my opinion the 850 is better than the 950 for the
> following
> reasons.
> We just said that the Mixer the IF etc etc is more
> or less the same.
> Correct that is the case.
> Still I think the 850 is better .... Why ?
> Ehh the 950 has some leakage which can't be solved.
> So you will hear ghost signals in the band because
> of the second
> receiver.
> KISS wins.
> Any way the 950 is still a very nice radio, which I
> wouldn't mind
> having in the shack.
> Hopefully I did not step on some toes ...
>
> Ahh forgot one thing where the 950 would be better
> ....
> The 850 is too sensitive, with the 950 Kenwood
> understood that
> better, and reduced the sensitivity, and traded that
> for strong
> signal behaviour.
>
> Still you could do the same with the 850, just have
> the 6 dB
> attunator always in.
>
> 73 Ron
> VK6KDD

>
> Down under ...
>
> On Tue, 16 Aug 2005 06:42:01 -0400, Tom LeClerc
> W1TJL wrote:
> >Morning Guys,
> >
> >My two cents...
> >
> >On 8/15/05, Bill K0ZL <coorsbill@...> wrote:
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> >And a LOT more weight! :)
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> >>950 also has dual-freq receive but must be in same
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> it's better tan
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> >ans is a good SO2R mate and it was great in the
> camper...
> >
> >73, Tom W1TJL
>
>
>

>

When in doubt, MODIFY...

# 3480. Re: TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-17 01:38:33 UTC
From: K9OR
Topic: 3457  Message: 3480

If you put any credence in the ARRL lab tests (old style), here's how they stacked up. Hard to beat the 850 or 950 on BDR in that era - the IC-765, FT-1000D & original 1000MP, OmniV only ones comparable. Would that some of today's rigs did as well. I'll take an 850, 765 or 1000D in a contest any day.

73 Randy K9OR

---

TS-450
Worst case xmit spurious (dBc) -50
Worst case xmit IMD 3rd/5th (dB PEP) 35/49
MDS 80m/20m (dBm) -140/-141
BDR 80m/20m (dB) 109/108
IMDDR 80m/20m (dB) 70/71

TS-690
Worst case xmit spurious (dBc) -50
Worst case xmit IMD 3rd/5th (dB PEP) 32/38 (6m)
MDS 80m/20m (dBm) -133/-138
BDR 80m/20m (dB) 112/116
IMDDR 80m/20m (dB) 72/74

TS-850
Worst case xmit spurious (dBc) -64
Worst case xmit IMD 3rd/5th (dB PEP) 28/40
MDS 80m/20m (dBm) -143/-141
BDR 80m/20m (dB) 141/148
IMDDR 80m/20m (dB) 100/99

TS-950SD
Worst case xmit spurious (dBc) -55
Worst case xmit IMD 3rd/5th (dB PEP) 42/46
MDS 80m/20m (dBm) -143/-142
BDR 80m/20m (dB) 139/139
IMDDR 80m/20m (dB) 99/101

TS-950SDX
Worst case xmit spurious (dBc) -40
Worst case xmit IMD 3rd/5th (dB PEP) 35/41
MDS 80m/20m (dBm) -139/-138
BDR 80m/20m (dB) 132/132
IMDDR 80m/20m (dB) 93/94

# 3481. RE: [TS-850_450_690] Re: TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-17 14:45:55 UTC
From: KE5CTY Bob
Topic: 3457  Message: 3481

Randy you have just made me a happy camper:

Randy as a result of your post I did some research to see
if I could find something similar in nature to your
findings and I came up with this link:
http://www.va3cr.net/pdf/pr-sum.pdf

Gave me a lot of insight into my IC-728 and a bunch of
other rigs too.

Thanks

73 fer nw,
Bob
KE5CTY (old calls WB5ZQU - WY5L)
10X# 37210, FP#-1141, SMIRK#-5177
http://www.qsl.net/ke5cty/
Code may be taking a back seat for now,
but the pioneering spirit that put the code
there in the first place is out front of it all.

-----Original Message-----
From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com] On Behalf Of K9OR
Sent: Tuesday, August 16, 2005 8:39 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-690

If you put any credence in the ARRL lab tests (old style),
here's
how they stacked up. Hard to beat the 850 or 950 on BDR in
that era - the IC-765, FT-1000D & original 1000MP, OmniV
only ones comparable.
Would that some of today's rigs did as well. I'll take an
850, 765
or 1000D in a contest any day.

73 Randy K9OR

---
TS-450
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THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3482. Re: TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-17 19:33:30 UTC
From: Dave
Topic: 3457  Message: 3482

Even on 10 meters, I leave AIP on (preamp off). I can hear propagated thunderstorms on 10 meters all the time. If that's the case, I surely don't need more sensitivity!

I think preamps are useful if you're using compromise (reduced size, mobile/portable, NVIS) antennas, but on our HF bands, thermal noise is so high that preamps are more a nuisance than not.

Dave W8NF
Helvetia, OR

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> the 850 sensitivity is a good thing on 10-15 meters; I
> often use the preamp there ("AIP" off).
>
> On 20M and below, AIP is almost always ON (preamp
> off).
>
> Which they had labeled that correctly, "preamp
> on/off". It's so confusing the way it is.
>
> bill
>
>
> --- Ron Meiring <rmeiring@i...> wrote:
>
> > Good Morning, or evening from downunder ....
> >
> > In my opinion the 850 is better than the 950 for the
> > following
> > reasons.
> > We just said that the Mixer the IF etc etc is more
> > or less the same.
> > Correct that is the case.
> > Still I think the 850 is better .... Why ?
> > Ehh the 950 has some leakage which can't be solved.
> > So you will hear ghost signals in the band because
> > of the second
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> > KISS wins.
> > Any way the 950 is still a very nice radio, which I
> > wouldn't mind
> > having in the shack.
> > Hopefully I did not step on some toes ...
> >
> > Ahh forgot one thing where the 950 would be better

> > ....
> > The 850 is too sensitive, with the 950 Kenwood
> > understood that
> > better, and reduced the sensitivity, and traded that
> > for strong
> > signal behaviour.
> >
> > Still you could do the same with the 850, just have
> > the 6 dB
> > attunator always in.
> >
> > 73 Ron
> > VK6KDD
> >
> > Down under ...
> >
> > On Tue, 16 Aug 2005 06:42:01 -0400, Tom LeClerc
> > W1TJL wrote:
> > >Morning Guys,
> > >
> > >My two cents...
> > >
> > >On 8/15/05, Bill K0ZL <coorsbill@y...> wrote:
> > >>Anyway, the 950 is a great radio, the 850 pretty
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> > >73, Tom W1TJL
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> >
>
>
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> When in doubt, MODIFY...

# 3483. Re: [TS-850_450_690] Re: TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-18 14:16:10 UTC
From: Bill K0ZL
Topic: 3457  Message: 3483

Hi Dave, you are right.

I use it with the G5RV because it's a bit of a mismash on 10M and I don't feed my receiver through it, so I loose some sensitivity there and the preamp helps make up for it.

It does make a difference, depending on the band noise, when copying very weak CW sigs (QRP ops tend to do that a lot). Sometimes having the preamp on helps push a little more of the desired sigs thru to the speaker, sometimes it doesn't. It all depends. I am just glad that there is a switch there.

Hey Dave, how have you been? Long time no QSO.

73,

Bill K0ZL

--- Dave <emailw8nf@...> wrote:

> Even on 10 meters, I leave AIP on (preamp off). I
> can hear propagated
> thunderstorms on 10 meters all the time. If that's
> the case, I surely
> don't need more sensitivity!
>
> I think preamps are useful if you're using
> compromise (reduced size,
> mobile/portable, NVIS) antennas, but on our HF
> bands, thermal noise is
> so high that preamps are more a nuisance than not.
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> Dave W8NF
> Helvetia, OR
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> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...> wrote:
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> > often use the preamp there ("AIP" off).
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> >
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>
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When in doubt, MODIFY...

# 3484. W8NF, TS-850 receivers and Field Day

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-18 22:30:54 UTC
From: Dave
Topic: 3457  Message: 3484

Bill (and group),

I'm getting used to the new QTH. We're a few miles outside the city limits, so there's a whole lot less noise on the bands than in the high-dense area I was in before. I preserved the TS-850 outside of our otherwise packed belongings so that I could get on the air quickly after move-in. In fact, I even operated portable from the apartment where we stayed for a few months. But it's really fascinating to see how much different the bands sound when you've moved 650 miles northward up the coast. Not as dramatic as when I was operating as BY4AOH and BY4CYL from China last March, but still surprisingly different.

Mainly, the shop is still all in boxes. I'm slowly opening boxes and deciding where to put that bit of test gear or inventory and sometimes grimacing, and closing the box back up, hoping the problem will go away. My "incoming" shelves are now larger than my "inventory" shelves, a situation I had hoped never to reach. Ugh.

I'm actually sort of having trouble figuring out how to handle the inventory - caps, resistors, etc. Lots of stuff (e.g. heatsinks, tubes) are too big for those nice Akro-Mills parts bins, so some of it goes into cardboard boxes, but then when stacked, hard to quickly get to exactly the item needed. A logistics problem, more than anything else.

Short of paying big bucks for industrial-grade metal shelving and bins such as one sees in a stockroom, I'm probably just going to stick with the nasty cardboard boxes.

Nice thing, though, about having a separate building for the shop and shack is that finally I have a big enough facility to put them together. So, while I'm working at opening and sorting boxes, the TS-850 sits there listening to whatever band I choose to listen to at the moment. Sometimes ten, sometimes other bands. I've been listening a bit to local nets, just to get a flavor of the interests of the hams in my newfound QTH.

===

BTW, our FD crew proved the worth of the TS-850s. We operated under the callsign AC7FT. An extremely intelligent write-up, by a clearly gifted writer, is found here on the ARRL website:

http://www.arrl.org/contests/soapbox/index.html?con_id=90&call=ac7ft
--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>

The benefits of the great BDR and IMDDR on the '850 can be seen in this example. There were times that we had both TS-850s on HF at the

same time. They were using antennas that shared the same tower, so there was very little isolation from the antennas. If the two radios were on different bands, they did not hear each other (the two rigs were almost back-end to back-end on the same tabletop, so the coaxial cables had plenty of opportunity to "talk" to each other). If we operated both radios on the same band (one on CW, one on SSB, for instance), we could still operate, but we did hear some noise from the other station.

By comparison, we also had an Icom IC-706 and an Icom IC-735 on site. When either of those radios was put on the air on ANY band, it trashed the TS-850. And, if the Kenwood transmitted on any band, the IC-706 or IC-735 receiver was challenged.

Alas, six meters was a good band for us, so we will be using the IC-706 next year as well, but one of the guys plans to build some very narrow filters for it, so the transmitter's broadband noise doesn't cause problems with the HF stations.

But as far as I was concerned, the FD effort really proved the TS-850s "competition-grade" receiver, and the 850s are definitely in our FD plans for next year.

73,

Dave W8NF
Helvetia, OR

K0ZL wrote:
> Hi Dave, you are right.
>
> I use it with the G5RV because it's a bit of a mismash
> on 10M and I don't feed my receiver through it, so I
> loose some sensitivity there and the preamp helps make
> up for it.
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> It does make a difference, depending on the band
> noise, when copying very weak CW sigs (QRP ops tend to
> do that a lot). Sometimes having the preamp on helps
> push a little more of the desired sigs thru to the
> speaker, sometimes it doesn't. It all depends. I am
> just glad that there is a switch there.
>
> Hey Dave, how have you been? Long time no QSO.
>
> 73,
>
> Bill K0ZL
>

# 3485. Kenwood TS-450S RF Gain problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-19 05:06:56 UTC
From: Dennis, Philippines low budget dxer
Topic: 3485  Message: 3485

August 19, 2005

Hello again !

I have finally found some time to work on my malfunctioning TS-450S.
My latest problem is this :

Everytime I switched on this radio, the RF Gain control acts like as
if it is turned to maximum clockwise position and the S-meter would
actually be pig at the maximum "red" (even though the actual RF Gain
control know is at the maximum counterclokwise position)reading.
After about 10 minutes it would normalized and the S-meter would
slowly drop back to its actual level and I can now hear/receive
audio.

Anyone help me pinpoint the cause of this problem, please?

As a side note : I bought this 450SAT real cheap because the orignal
owner couldn't find a replacement CARrier Unit Board. It cannot
receive or transmit in LSB/USB but AM and FM RX and TX is ok. I have
diagnose the problem to the defective DDS IC on the CARrier Unit. I
still have to order the 2 YM66312. I'm currently using for AM/SW
listening. Used to have a TS-440SAT, my first HF rig but I never
liked it so I sold it a year ago in favor of the 450.

Many thanks in advance.

Dennis Ls. M. Cruz DV7-BJY
the Philippines

# 3486. Kenwood TS-450S RF Gain problem - repost

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-19 08:58:06 UTC
From: Dennis, Philippines low budget dxer
Topic: 3485  Message: 3486

August 19, 2005

I'm reposting my message as I just found out there was something wrong with the way I described my problem. Here then is the correct one :

Kenwood TS-450S RF Gain problem

August 19, 2005

Hello again !

I have finally found some time to work on my malfunctioning TS-450S. My latest problem is this :

Everytime I switched on this radio, the RF Gain control acts like as if it is turned to maximum clockwise position and the S-meter would actually be peg at the maximum "red" reading (even though the actual RF Gain control is set at 10 - maximum clockwise position, and the Squelch is set at 0). After about 10 minutes it would normalized and the S-meter would slowly drop back to its actual level and I can now hear/receive audio.

Anyone help me pinpoint the cause of this problem, please?

As a side note : I bought this 450SAT real cheap because the orignal owner couldn't find a replacement CARrier Unit Board. It cannot receive or transmit in LSB/USB but AM and FM RX and TX is ok. I have diagnose the problem to the defective DDS IC on the CARrier Unit. I still have to order the 2 YM66312. I'm currently using for AM/SW listening. Used to have a TS-440SAT, my first HF rig but I never liked it so I sold it a year ago in favor of the 450.

Many thanks in advance.

Dennis Ls. M. Cruz DV7-BJY
the Philippines

# 3487. Re: [TS-850_450_690] Kenwood TS-450S RF Gain problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-19 13:14:26 UTC
From: KD5NWA
Topic: 3485  Message: 3487

My TS-450 has the same issue, it happened when someone else
transmitted on a beam aimed at me 20 feet away during field day, he
was not supposed to be on 20 meters.

At 12:06 AM 8/19/2005, Dennis, Philippines low budget dxer wrote:

>August 19, 2005
>
>Hello again !
>
>I have finally found some time to work on my malfunctioning TS-450S.
>My latest problem is this :
>
>
>Everytime I switched on this radio, the RF Gain control acts like as
>if it is turned to maximum clockwise position and the S-meter would
>actually be pig at the maximum "red" (even though the actual RF Gain
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>Dennis Ls. M. Cruz DV7-BJY
>the Philippines
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>
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>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
>

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>
>--
>No virus found in this incoming message.
>Checked by AVG Anti-Virus.
>Version: 7.0.338 / Virus Database: 267.10.12/77 - Release Date: 8/18/2005

Cecil Bayona
KD5NWA
www.qrpradio.com

'Never argue with an idiot. They drag you down to their level then
beat you with experience.'

# 3488. Re: TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-20 15:16:53 UTC
From: Steve Matda
Topic: 3457  Message: 3488

Because "Advanced Intercept Point" sounds waaay more desirable
than "turning the preamp off"??

I'd say Kenwood sold at least 50 more radios because of that sleight of
hand.... ;-}

Steve, KE4MOB

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
>>
> Wish they had labeled that correctly, "preamp
> on/off". It's so confusing the way it is.
>
> bill
>
>

# 3489. TS-850 connection to SM-220

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-21 19:15:15 UTC
From: wn9d
Topic: 3489  Message: 3489

Does the SM-220 require any other inputs from the TS-850 besides the IF #1 ??

'73 and Thanking you in advance,
Randy WN9D

[Non-text portions of this message have been removed]

# 3490. Re: [TS-850_450_690] TS-850 connection to SM-220

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-21 19:31:55 UTC
From: Paul
Topic: 3489  Message: 3490

The SM-220 must be fitted with the BS-8 accessory board in order
for it to function as a band scope (pan adapter).

If the board is fitted, then all you need is an RCA to RCA plug.

Without the BS-8, it's just a o'scope with a trapezoid function for
tuning linear amps.

I used then on my TS-850SAT and TS-930SAT for many years and they worked
well.

The output IF on the TS-850 has an odd affectation. THe level of the IF
signals
is slightly lower on the high side of center frequency, so when sweeping
the band,
the signal peaks on the right (higher frequency) side of the center freq
of the
scope were lower in height, by about 5 to 8 db, than the same sigs on
the left side.

I know that sounded confusing (my better half says I can't write a
grocery list :((

But it works like this... as you tune "up" the band from, say, 7,000.00
Kcs, the
signals will first appear on the right edge of the scope... as you
continue to
tune up, the peaks move towards the center of the scope, until they hit
your pass
band (and you hear them), then as soon as the pass the center frequency,
the peaks
go up in height about 5 to 8 ds as they continue down, the peaks
increase in height
about 5 to 8 db until they fall off the left edge of the scope.

Sounds weird, but I can figure out why - it has nothing to do with what
filter you
have kicked in, it is always the same. That's just the way it is.

It doesn't affect the use or anything else.

It is not anything to worry about - I didn't even notice it for a long time.

Paul - K2BK

wn9d wrote:

> Does the SM-220 require any other inputs from the TS-850 besides the
> IF #1 ??
>
> '73 and Thanking you in advance,
> Randy WN9D

[Non-text portions of this message have been removed]

# 3491. Fw: TS-850 connection to SM-220

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-21 23:19:28 UTC
From: wn9d
Topic: 3491  Message: 3491

Thank you to all who responded.

'73 WN9D

----- Original Message -----
From: wn9d
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, August 21, 2005 2:15 PM
Subject: TS-850 connection to SM-220

Does the SM-220 require any other inputs from the TS-850 besides the IF #1 ??

'73 and Thanking you in advance,
Randy WN9D

[Non-text portions of this message have been removed]

# 3492. Re: [TS-850_450_690] Re: TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-22 04:01:54 UTC
From: Bill K0ZL
Topic: 3457  Message: 3492

Perhaps not too many hams understand the relationship
between intercept point and the preamp; By calling it
AIP, Kenwood marketers undoubtedly wanted to call
attention to the fact that third order intercept point
can be improved by simply turning the preamp off. By
turning a negative into a positive, they raised the
"utility" of the 850 ever so slightly, and indeed,
probably sold some more units because of it.

I guess the auto makers could call seat belts and
airbags "advanced lifesaving devices" and get the same
effect. But that is off-topic.

b

--- Steve Matda <ke4mob@...> wrote:

> Because "Advanced Intercept Point" sounds waaay more
> desirable
> than "turning the preamp off"??
>
> I'd say Kenwood sold at least 50 more radios because
> of that sleight of
> hand.... ;-}
>
> Steve, KE4MOB
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...> wrote:
> >>
> > Wish they had labeled that correctly, "preamp
> > on/off". It's so confusing the way it is.
> >
> > bill
> >
> >
>
>
>
>

When in doubt, MODIFY...

# 3493. Internal RS232 adapter complete

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-22 23:51:13 UTC
From: max_ve3tmt
Topic: 3493  Message: 3493

Well I just finished building and installing the RS232 -> TTL converter using the MAX232 IC as shown in the files section. This time I replaced the external tuner plug on the rear of the 850 with a DB9 female and mounted the converter inside the radio where the VS2 voice synthesizer would set. Power is tapped off the same cable that supplies power to the VS2. Very neat installation and best of all it is inside the rig a'la the TS570 radio. Very nice to use the DX spotting programs and one click and you are there. Only downside is I have to use a data switch to switch between rig control and my RigBlaster to work the digital modes. Open to questions.

Max

# 3494. Re: [TS-850_450_690] Internal RS232 adapter complete

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-23 01:09:52 UTC
From: ve3wej
Topic: 3493  Message: 3494

my interface just plugs into the 6 pin din, I am not sure why you had to do it your way...
I have an extra if232c for sale, if interested. my sound card interface has NO bearing ont his conection at all.

----- Original Message -----
From: "max_ve3tmt" <max_ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, August 22, 2005 7:51 PM
Subject: [TS-850_450_690] Internal RS232 adapter complete

> Well I just finished building and installing the RS232 -> TTL
> converter using the MAX232 IC as shown in the files section. This time
> I replaced the external tuner plug on the rear of the 850 with a DB9
> female and mounted the converter inside the radio where the VS2 voice
> synthesizer would set. Power is tapped off the same cable that
> supplies power to the VS2. Very neat installation and best of all it
> is inside the rig a'la the TS570 radio. Very nice to use the DX
> spotting programs and one click and you are there. Only downside is I
> have to use a data switch to switch between rig control and my
> RigBlaster to work the digital modes. Open to questions.
>
> Max
>
>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3495. Re: Internal RS232 adapter complete

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-23 01:21:14 UTC
From: max_ve3tmt
Topic: 3493  Message: 3495

--- In TS-850_450_690@yahoogroups.com, "ve3wej" <ve3wej@c...> wrote:
> my interface just plugs into the 6 pin din, I am not sure why you had to do
> it your way...
> I have an extra if232c for sale, if interested. my sound card interface has
> NO bearing ont his conection at all.

Dave,

I have built many interfaces in the past, but was not too fussy on the external box with the required power cord and neccessary cable so I decided to build this one inside. The 6 pin plugs aren;t too easy to find. I owned a TS570 and FT920 and liked the idea of an internal converter and went about trying to figure out how to apply it to the 850. Now all that is needed during contests is a standard 9 pin serial cable. I had no use for the external AT connector anyway. What sound card interface are you using? I am using the RigBlaster Plus. I guess I am having trouble trying to get my computer to recognize COM PORT 2. If I can get that to work then I won't have to use the switchbox.

Max

# 3496. Re: [TS-850_450_690] I have a friend

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-23 15:20:20 UTC
From: Bill K0ZL
Topic: 3429  Message: 3496

Have you fixed this yet?

bill K0ZL

--- oz1jux <oz1jux@...> wrote:

> I have a friend
> He just buy a TS850Sat, so that he have 2 piece of
> the 850 now but on
> the second he have lot of problems. He can hear that
> we are speaking
> but when he try to speak to us he speak about 2 kHz
> down in LSB mode
> and also on FREQ in USB mode. He have try to reset
> it, but it not help
> him.
>
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When in doubt, MODIFY...

# 3497. Re: [TS-850_450_690] W8NF, TS-850 receivers and Field Day

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-23 15:31:45 UTC
From: Bill K0ZL
Topic: 3457  Message: 3497

http://www.chiswick.com/

These guys sell the little fold-up cardboard bin
boxes.

Good for tubes and stuff although they are open at the
top, let stuff get dirty over time, a good air
compressor and air gun fixes that.

bill

--- Dave <emailw8nf@...> wrote:

> Bill (and group),
>
> I'm getting used to the new QTH. We're a few miles
> outside the city
> limits, so there's a whole lot less noise on the
> bands than in the
> high-dense area I was in before. I preserved the
> TS-850 outside of
> our otherwise packed belongings so that I could get
> on the air quickly
> after move-in. In fact, I even operated portable
> from the apartment
> where we stayed for a few months. But it's really
> fascinating to see
> how much different the bands sound when you've moved
> 650 miles
> northward up the coast. Not as dramatic as when I
> was operating as
> BY4AOH and BY4CYL from China last March, but still
> surprisingly different.
>
> Mainly, the shop is still all in boxes. I'm slowly
> opening boxes and
> deciding where to put that bit of test gear or
> inventory and sometimes
> grimacing, and closing the box back up, hoping the
> problem will go
> away. My "incoming" shelves are now larger than my
> "inventory"
> shelves, a situation I had hoped never to reach.
> Ugh.
>
> I'm actually sort of having trouble figuring out how

> to handle the
> inventory - caps, resistors, etc. Lots of stuff
> (e.g. heatsinks,
> tubes) are too big for those nice Akro-Mills parts
> bins, so some of it
> goes into cardboard boxes, but then when stacked,
> hard to quickly get
> to exactly the item needed. A logistics problem,
> more than anything else.
>
> Short of paying big bucks for industrial-grade metal
> shelving and bins
> such as one sees in a stockroom, I'm probably just
> going to stick with
> the nasty cardboard boxes.
>
> Nice thing, though, about having a separate building
> for the shop and
> shack is that finally I have a big enough facility
> to put them
> together. So, while I'm working at opening and
> sorting boxes, the
> TS-850 sits there listening to whatever band I
> choose to listen to at
> the moment. Sometimes ten, sometimes other bands.
> I've been
> listening a bit to local nets, just to get a flavor
> of the interests
> of the hams in my newfound QTH.
>
> ===
>
> BTW, our FD crew proved the worth of the TS-850s.
> We operated under
> the callsign AC7FT. An extremely intelligent
> write-up, by a clearly
> gifted writer, is found here on the ARRL website:
>
>
http://www.arrl.org/contests/soapbox/index.html?con_id=90&call=ac7ft
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
>
> The benefits of the great BDR and IMDDR on the '850
> can be seen in
> this example. There were times that we had both
> TS-850s on HF at the
> same time. They were using antennas that shared the
> same tower, so
> there was very little isolation from the antennas.

> If the two radios
> were on different bands, they did not hear each
> other (the two rigs
> were almost back-end to back-end on the same
> tabletop, so the coaxial
> cables had plenty of opportunity to "talk" to each
> other). If we
> operated both radios on the same band (one on CW,
> one on SSB, for
> instance), we could still operate, but we did hear
> some noise from the
> other station.
>
> By comparison, we also had an Icom IC-706 and an
> Icom IC-735 on site.
> When either of those radios was put on the air on
> ANY band, it
> trashed the TS-850. And, if the Kenwood transmitted
> on any band, the
> IC-706 or IC-735 receiver was challenged.
>
> Alas, six meters was a good band for us, so we will
> be using the
> IC-706 next year as well, but one of the guys plans
> to build some very
> narrow filters for it, so the transmitter's
> broadband noise doesn't
> cause problems with the HF stations.
>
> But as far as I was concerned, the FD effort really
> proved the TS-850s
> "competition-grade" receiver, and the 850s are
> definitely in our FD
> plans for next year.
>
> 73,
>
> Dave W8NF
> Helvetia, OR
>
>
>
> K0ZL wrote:
> > Hi Dave, you are right.
> >
> > I use it with the G5RV because it's a bit of a
> mismash
> > on 10M and I don't feed my receiver through it, so
> I
> > loose some sensitivity there and the preamp helps

> make
> > up for it.
> >
> > It does make a difference, depending on the band
> > noise, when copying very weak CW sigs (QRP ops
> tend to
> > do that a lot). Sometimes having the preamp on
> helps
> > push a little more of the desired sigs thru to the
> > speaker, sometimes it doesn't. It all depends. I
> am
> > just glad that there is a switch there.
> >
> > Hey Dave, how have you been? Long time no QSO.
> >
> > 73,
> >
> > Bill K0ZL
> >
>
>
>
>
>
>

When in doubt, MODIFY...

# 3498. 850sat wanted

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-23 19:38:29 UTC
From: steve
Topic: 3498  Message: 3498

After following this group and a few others, I have pretty much decided on an 850sat as my next rig. I am an an Icom person, and looking forward to the change. Bill (K0ZL) and his better half were a pleasant sight at all of the Colorado hamfests we used to frequent.

Anyone with a late 850sat from a non smoking home that is looking to sell, please contact me off list/

Thanks in advance

WB5OMP/7

Steve

shfoster@...

[Non-text portions of this message have been removed]

# 3499. Re: [TS-850_450_690] 850sat wanted

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-23 22:33:45 UTC
From: Paul
Topic: 3498  Message: 3499

There are a few on eBay right now - plus www.eham.com is a good place to look.

Paul - K2BK

steve wrote:

> After following this group and a few others, I have pretty much decided on
> an 850sat as my next rig. I am an an Icom person, and looking forward
> to the
> change. Bill (K0ZL) and his better half were a pleasant sight at all
> of the
> Colorado hamfests we used to frequent.
>
> Anyone with a late 850sat from a non smoking home that is looking to sell,
> please contact me off list/
>
> Thanks in advance
>
> WB5OMP/7
>
> Steve
>
>
>
> shfoster@...
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> [Non-text portions of this message have been removed]
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>
> THANKS FOR USING TS-850_450_690@...
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> ------------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com

> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ---
>

[Non-text portions of this message have been removed]

# 3500. Re: [TS-850_450_690] Re: Internal RS232 adapter complete

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-23 22:36:35 UTC
From: ve3wej
Topic: 3493  Message: 3500

The 6 pin plugs aren;t too easy to find

FYI: Commodore 64 disk drive cables

# 3501. Re: Internal RS232 adapter complete

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-23 23:06:10 UTC
From: max_ve3tmt
Topic: 3493  Message: 3501

--- In TS-850_450_690@yahoogroups.com, "ve3wej" <ve3wej@c...> wrote:
> The 6 pin plugs aren;t too easy to find
>
> FYI: Commodore 64 disk drive cables

Well I learned something new. I'm quite content with the internal version, and that's what this hobby is all about...experimentation.

73,

Max

# 3502. Re: [TS-850_450_690] I have a friend

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-24 10:43:07 UTC
From: Kim Wind
Topic: 3429  Message: 3502

No, he have not fix it, but some time it´s okay other time it´s not.
He go on 80 meter have the problem there, then he changes to 10 meter and back to 80 meter and the problem is gone

kim OZ1JUX

Bill K0ZL <coorsbill@yahoo.com> wrote:
Have you fixed this yet?

bill K0ZL

--- oz1jux <oz1jux@yahoo.com> wrote:

> I have a friend
> He just buy a TS850Sat, so that he have 2 piece of
> the 850 now but on
> the second he have lot of problems. He can hear that
> we are speaking
> but when he try to speak to us he speak about 2 kHz
> down in LSB mode
> and also on FREQ in USB mode. He have try to reset
> it, but it not help
> him.
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When in doubt, MODIFY...

THANKS FOR USING TS-850_450_690@...

SPONSORED LINKS
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---
YAHOO! GROUPS LINKS

Visit your group "TS-850_450_690" on the web.

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

Best regards

oz1jux

oz1jux@...
http://oz1jux.qrz.dk

---

Start your day with Yahoo! - make it your home page

[Non-text portions of this message have been removed]

# 3503. Re: [TS-850_450_690] I have a friend

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-24 11:51:56 UTC
From: Ole
Topic: 3429  Message: 3503

Hej Kim!

Det kunne tyde p? en d?rlig forbindelse.
Pr?v at manipulere de forskellige stik, der g?r til og fra de indbyrdes
forbundne printkort.

med venlig hilsen/regards

Ole Lundsgaard
(oz2ql)

Kim Wind skrev:

>No, he have not fix it, but some time it?s okay other time it?s not.
>He go on 80 meter have the problem there, then he changes to 10 meter and back to 80 meter
and the problem is gone
>
>kim OZ1JUX
>
>Bill K0ZL <coorsbill@...> wrote:
>Have you fixed this yet?
>
>bill K0ZL
>
>--- oz1jux <oz1jux@...> wrote:
>
>
>
>>I have a friend
>>He just buy a TS850Sat, so that he have 2 piece of
>>the 850 now but on
>>the second he have lot of problems. He can hear that
>>we are speaking
>>but when he try to speak to us he speak about 2 kHz
>>down in LSB mode
>>and also on FREQ in USB mode. He have try to reset
>>it, but it not help
>>him.
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>When in doubt, MODIFY...
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>THANKS FOR USING TS-850_450_690@...
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>SPONSORED LINKS
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>---------------------------------
>YAHOO! GROUPS LINKS
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>
> Visit your group "TS-850_450_690" on the web.
>
> To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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>
>Best regards
>
>oz1jux
>
>oz1jux@...
>http://oz1jux.qrz.dk
>
>---------------------------------
> Start your day with Yahoo! - make it your home page
>
>[Non-text portions of this message have been removed]
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3504. Re: [TS-850_450_690] I have a friend

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-24 12:45:48 UTC
From: Bill K0ZL
Topic: 3429  Message: 3504

We are now an officially sanctioned international
group! hi

bill

--- Ole <olu@...> wrote:

> Hej Kim!
>
> Det kunne tyde p? en d?rlig forbindelse.
> Pr?v at manipulere de forskellige stik, der g?r til
> og fra de indbyrdes
> forbundne printkort.
>
> med venlig hilsen/regards
>
> Ole Lundsgaard
> (oz2ql)
>

When in doubt, MODIFY...

# 3505. Re: [TS-850_450_690] I have a friend

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-24 12:44:45 UTC
From: Bill K0ZL
Topic: 3429  Message: 3505

I am thinking it is a DDS problem as the DDS unit is
used to create the USB and LSB BFO; that would cause
the problem.

I am sorry that I don't have any more help or
information for you on this, as I have not seen nor
repaired this problem here yet.

Vy 73,

Bill K0ZL

--- Kim Wind <oz1jux@...> wrote:

> No, he have not fix it, but some time it?s okay
> other time it?s not.
> He go on 80 meter have the problem there, then he
> changes to 10 meter and back to 80 meter and the
> problem is gone
>
> kim OZ1JUX
>
> Bill K0ZL <coorsbill@...> wrote:
> Have you fixed this yet?
>
> bill K0ZL
>
> --- oz1jux <oz1jux@...> wrote:
>
> > I have a friend
> > He just buy a TS850Sat, so that he have 2 piece of
> > the 850 now but on
> > the second he have lot of problems. He can hear
> that
> > we are speaking
> > but when he try to speak to us he speak about 2
> kHz
> > down in LSB mode
> > and also on FREQ in USB mode. He have try to reset
> > it, but it not help
> > him.
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> When in doubt, MODIFY...
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> THANKS FOR USING TS-850_450_690@...
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> SPONSORED LINKS
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> supply Ham radio sales Rules of the road
>
> ---------------------------------
> YAHOO! GROUPS LINKS
>
>
> Visit your group "TS-850_450_690" on the web.
>
> To unsubscribe from this group, send an email
> to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
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> ---------------------------------
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>
>
> Best regards
>
> oz1jux
>
> oz1jux@...
> http://oz1jux.qrz.dk
>
> ---------------------------------
> Start your day with Yahoo! - make it your home page
>
>

> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3506. Re: [TS-850_450_690] I have a friend

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-24 13:11:48 UTC
From: Ole
Topic: 3429  Message: 3506

Hello Bill!

I'm glad to conferm the international issue.
However my intension was to reply direct to oz1jux which failed!
I also think that the problem is in the DDS unit and I think a band
solderpoint or perhaps a bad connection could cause the problem.
I told him in danish to manipulate the connectors .

med venlig hilsen/regards

Ole Lundsgaard
(oz2ql)

Bill K0ZL skrev:

>We are now an officially sanctioned international
>group! hi
>
>bill
>
>--- Ole <olu@...> wrote:
>
>
>
>>Hej Kim!
>>
>>Det kunne tyde p? en d?rlig forbindelse.
>>Pr?v at manipulere de forskellige stik, der g?r til
>>og fra de indbyrdes
>>forbundne printkort.
>>
>>med venlig hilsen/regards
>>
>>Ole Lundsgaard
>>(oz2ql)
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>When in doubt, MODIFY...
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>Yahoo! Groups Links
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# 3507. Re: [TS-850_450_690] I have a friend

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-24 14:36:18 UTC
From: Kim Wind
Topic: 3429  Message: 3507

Tak Ole, det skal jeg nok fortælle til Frode oz8ft, problemmet er ikke så stor han har 2 stk af TS-850S og den ene virker

Kim

Ole <olu@...> wrote:
Hej Kim!

Det kunne tyde på en dårlig forbindelse.
Prøv at manipulere de forskellige stik, der går til og fra de indbyrdes
forbundne printkort.

med venlig hilsen/regards

Ole Lundsgaard
(oz2ql)

Kim Wind skrev:

>No, he have not fix it, but some time it´s okay other time it´s not.
>He go on 80 meter have the problem there, then he changes to 10 meter and back to 80 meter and the problem is gone
>
>kim OZ1JUX
>
>Bill K0ZL <coorsbill@...> wrote:
>Have you fixed this yet?
>
>bill K0ZL
>
>--- oz1jux <oz1jux@...> wrote:
>
>
>
>>I have a friend
>>He just buy a TS850Sat, so that he have 2 piece of
>>the 850 now but on
>>the second he have lot of problems. He can hear that
>>we are speaking
>>but when he try to speak to us he speak about 2 kHz
>>down in LSB mode
>>and also on FREQ in USB mode. He have try to reset
>>it, but it not help
>>him.
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>When in doubt, MODIFY...
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>THANKS FOR USING TS-850_450_690@...
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>
>SPONSORED LINKS
>Ham radio Craft hobby Hobby and craft supply Hobby supply Ham radio sales Rules of the
road
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>YAHOO! GROUPS LINKS
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>
> Visit your group "TS-850_450_690" on the web.
>
> To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@...m
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> Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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>
>Best regards
>
>oz1jux
>
>oz1jux@...
>http://oz1jux.qrz.dk
>
>---------------------------------
> Start your day with Yahoo! - make it your home page

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>[Non-text portions of this message have been removed]
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THANKS FOR USING TS-850_450_690@...

SPONSORED LINKS
Ham radio Craft hobby Hobby and craft supply Hobby supply Ham radio sales Rules of the road

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YAHOO! GROUPS LINKS

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To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

Best regards

oz1jux

oz1jux@...
http://oz1jux.qrz.dk

---

Start your day with Yahoo! - make it your home page

[Non-text portions of this message have been removed]

# 3508. Re: [TS-850_450_690] I have a friend

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-24 17:43:54 UTC
From: Bill K0ZL
Topic: 3429  Message: 3508

Hi Ole,

Indeed, the flex connectors have been a problem in the
past.

Sometimes also the SMD resistor packs used for the D/A
conversion are at fault and need resoldering.

Thankfully I have seen fewer and fewer DDS chip
failures, perhaps all the "infant mortality" cases are
done.

73!

Bill

--- Ole <olu@...> wrote:

> Hello Bill!
>
> I'm glad to conferm the international issue.
> However my intension was to reply direct to oz1jux
> which failed!
> I also think that the problem is in the DDS unit
> and I think a band
> solderpoint or perhaps a bad connection could cause
> the problem.
> I told him in danish to manipulate the connectors .
>
> med venlig hilsen/regards
>
> Ole Lundsgaard
> (oz2ql)
>
>
>
> Bill K0ZL skrev:
>
> >We are now an officially sanctioned international
> >group! hi
> >
> >bill
> >
> >--- Ole <olu@...> wrote:
> >
> >
> >

> >>Hej Kim!
> >>
> >>Det kunne tyde p? en d?rlig forbindelse.
> >>Pr?v at manipulere de forskellige stik, der g?r
> til
> >>og fra de indbyrdes
> >>forbundne printkort.
> >>
> >>med venlig hilsen/regards
> >>
> >>Ole Lundsgaard
> >>(oz2ql)
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> >When in doubt, MODIFY...
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> >THANKS FOR USING TS-850_450_690@...
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When in doubt, MODIFY...

# 3509. Re: I have a friend

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-25 03:12:05 UTC
From: Dave
Topic: 3429  Message: 3509

Does that mean I can breathe easy? I have the original DDS chips on my unit and have nervously been wondering if I have a $350 board in my future.

73,

Dave W8NF

-- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Hi Ole,
>
> Indeed, the flex connectors have been a problem in the
> past.
>
> Sometimes also the SMD resistor packs used for the D/A
> conversion are at fault and need resoldering.
>
> Thankfully I have seen fewer and fewer DDS chip
> failures, perhaps all the "infant mortality" cases are
> done.
>
> 73!
>
> Bill
>
> --- Ole <olu@m...> wrote:
>
> > Hello Bill!
> >
> > I'm glad to conferm the international issue.
> > However my intension was to reply direct to oz1jux
> > which failed!
> > I also think that the problem is in the DDS unit
> > and I think a band
> > solderpoint or perhaps a bad connection could cause
> > the problem.
> > I told him in danish to manipulate the connectors .
> >
> > med venlig hilsen/regards
> >
> > Ole Lundsgaard
> > (oz2ql)
> >
> >
> >
> > Bill K0ZL skrev:

> >
> > >We are now an officially sanctioned international
> > >group! hi
> > >
> > >bill
> > >
> > >--- Ole <olu@m...> wrote:
> > >
> > >
> > >
> > >>Hej Kim!
> > >>
> > >>Det kunne tyde på en dårlig forbindelse.
> > >>Prøv at manipulere de forskellige stik, der går
> > til
> > >>og fra de indbyrdes
> > >>forbundne printkort.
> > >>
> > >>med venlig hilsen/regards
> > >>
> > >>Ole Lundsgaard
> > >>(oz2ql)
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> > >When in doubt, MODIFY...
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>
> When in doubt, MODIFY...

# 3510. Re: [TS-850_450_690] Re: I have a friend

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-25 05:12:13 UTC
From: Bill K0ZL
Topic: 3429  Message: 3510

Don't worry about it unless it messes up. Mine never
has.

Bill

--- Dave <emailw8nf@...> wrote:

> Does that mean I can breathe easy? I have the
> original DDS chips on
> my unit and have nervously been wondering if I have
> a $350 board in my
> future.
>
> 73,
>
> Dave W8NF
>
> -- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...> wrote:
> > Hi Ole,
> >
> > Indeed, the flex connectors have been a problem in
> the
> > past.
> >
> > Sometimes also the SMD resistor packs used for the
> D/A
> > conversion are at fault and need resoldering.
> >
> > Thankfully I have seen fewer and fewer DDS chip
> > failures, perhaps all the "infant mortality" cases
> are
> > done.
> >
> > 73!
> >
> > Bill
> >
> > --- Ole <olu@m...> wrote:
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> > > Hello Bill!
> > >
> > > I'm glad to conferm the international issue.
> > > However my intension was to reply direct to
> oz1jux
> > > which failed!

> > > I also think that the problem is in the DDS
> unit
> > > and I think a band
> > > solderpoint or perhaps a bad connection could
> cause
> > > the problem.
> > > I told him in danish to manipulate the
> connectors .
> > >
> > > med venlig hilsen/regards
> > >
> > > Ole Lundsgaard
> > > (oz2ql)
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> > > Bill K0ZL skrev:
> > >
> > > >We are now an officially sanctioned
> international
> > > >group! hi
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> > > >bill
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> > > >--- Ole <olu@m...> wrote:
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> > > >
> > > >>Hej Kim!
> > > >>
> > > >>Det kunne tyde p? en d?rlig forbindelse.
> > > >>Pr?v at manipulere de forskellige stik, der
> g?r
> > > til
> > > >>og fra de indbyrdes
> > > >>forbundne printkort.
> > > >>
> > > >>med venlig hilsen/regards
> > > >>
> > > >>Ole Lundsgaard
> > > >>(oz2ql)
> > > >>
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> > > >>
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> > > >
> > > >When in doubt, MODIFY...
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> > > >THANKS FOR USING TS-850_450_690@Y...
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> > When in doubt, MODIFY...
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When in doubt, MODIFY...

# 3511. Going Rate for 850SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-26 17:31:15 UTC
From: nm9p
Topic: 3511  Message: 3511

Hi everyone,
I have owned a TS-850SAT since 1993 and love it, love it, love it!
But some of my buddies are trying to talk me out of it. (which thy
probably will not be able to do.

I am wondering how much to hold out for?

stats...

Has built in tuner.
Has 270 Hz Narrow CW filter.
50 Million series serial number.
I am original owner. Non-Smoker.

Only mods are for 1) Noise Blanker mod and 2) 60M transmit mod.
No problems with DDS or anything.
Battery has NOT been replaced yet. (I know.... I need to get to that
soon!)

As I said, I love this rig, but could possibly be talked out of it for
the right price. I just want to know how high to go. (I don't want
to set what I think is an "unreasonable" and have them take me up on it!)

Thanks,

Ken - NM9P

# 3512. Re: [TS-850_450_690] Going Rate for 850SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-26 17:53:22 UTC
From: Zack Widup
Topic: 3511  Message: 3512

I bought mine with the ATU, 500 Hz CW filters and the DRU-2 unit
installed. I paid $900 for it and consider it well worth it, since it was
in immaculate, brand-new condition when I got it.

I did the 60 meter mod but haven't done the noise blanker mod yet. I
think I will do that after the summer VHF+ contesting season is over,
which is keeping me busy repairing and modifying all my UHF/microwave gear
for the next contest.

73, Zack W9SZ

On Fri, 26 Aug 2005, nm9p wrote:

> Hi everyone,
> I have owned a TS-850SAT since 1993 and love it, love it, love it!
> But some of my buddies are trying to talk me out of it. (which thy
> probably will not be able to do.
>
> I am wondering how much to hold out for?
>
> stats...
>
> Has built in tuner.
> Has 270 Hz Narrow CW filter.
> 50 Million series serial number.
> I am original owner. Non-Smoker.
>
> Only mods are for 1) Noise Blanker mod and 2) 60M transmit mod.
> No problems with DDS or anything.
> Battery has NOT been replaced yet. (I know.... I need to get to that
> soon!)
>
> As I said, I love this rig, but could possibly be talked out of it for
> the right price. I just want to know how high to go. (I don't want
> to set what I think is an "unreasonable" and have them take me up on it!)
>
> Thanks,
>
> Ken - NM9P
>

# 3513. Re: [TS-850_450_690] Going Rate for 850SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-26 17:54:30 UTC
From: george
Topic: 3511  Message: 3513

Ken I would not part with it for the price you get you would be better keeping it I was going to sell my 850 but for the price in the UK I have kept it and I am glade I did
Regards George G0MIT
----- Original Message -----
From: "nm9p" <nm9p@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, August 26, 2005 6:31 PM
Subject: [TS-850_450_690] Going Rate for 850SAT?

> Hi everyone,
> I have owned a TS-850SAT since 1993 and love it, love it, love it!
> But some of my buddies are trying to talk me out of it. (which thy
> probably will not be able to do.
>
> I am wondering how much to hold out for?
>
> stats...
>
> Has built in tuner.
> Has 270 Hz Narrow CW filter.
> 50 Million series serial number.
> I am original owner. Non-Smoker.
>
> Only mods are for 1) Noise Blanker mod and 2) 60M transmit mod.
> No problems with DDS or anything.
> Battery has NOT been replaced yet. (I know.... I need to get to that
> soon!)
>
> As I said, I love this rig, but could possibly be talked out of it for
> the right price. I just want to know how high to go. (I don't want
> to set what I think is an "unreasonable" and have them take me up on it!)
>
> Thanks,
>
> Ken - NM9P
>
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>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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> ---
> [This E-mail has been scanned for viruses but it is your responsibility
> to maintain up to date anti virus software on the device that you are
> currently using to read this email. ]
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>
> --
> No virus found in this incoming message.
> Checked by AVG Anti-Virus.
> Version: 7.0.338 / Virus Database: 267.10.15/81 - Release Date: 24/08/2005
>
>

---
[This E-mail has been scanned for viruses but it is your responsibility
to maintain up to date anti virus software on the device that you are
currently using to read this email. ]

# 3514. Re: [TS-850_450_690] Going Rate for 850SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-26 18:08:25 UTC
From: Paul
Topic: 3511  Message: 3514

I see what they go for on eBay, and because they are "old" and
discontinued, it's not much - you can NOT get what its worth, so don't
sell it!

Paul - K2BK

nm9p wrote:

> Hi everyone,
> I have owned a TS-850SAT since 1993 and love it, love it, love it!
> But some of my buddies are trying to talk me out of it. (which they
> probably will not be able to do.
>
> I am wondering how much to hold out for?
>
> stats...
>
> Has built in tuner.
> Has 270 Hz Narrow CW filter.
> 50 Million series serial number.
> I am original owner. Non-Smoker.
>
> Only mods are for 1) Noise Blanker mod and 2) 60M transmit mod.
> No problems with DDS or anything.
> Battery has NOT been replaced yet. (I know.... I need to get to that
> soon!)
>
> As I said, I love this rig, but could possibly be talked out of it for
> the right price. I just want to know how high to go. (I don't want
> to set what I think is an "unreasonable" and have them take me up on it!)
>
> Thanks,
>
> Ken - NM9P
>
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> THANKS FOR USING TS-850_450_690@...
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>
> SPONSORED LINKS
> Ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+

craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=TKovM7oc7Hb7m7s1QnI8NQ>
> Craft hobby
> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=aCczxYGbc7HEzWT6A98gsQ>
> Hobby and craft supply
> <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=s4sTMX8XokRW5aUB02kneA>
>
> Hobby supply
> <http://groups.yahoo.com/gads?t=ms&k=Hobby+supply&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=0uugnZ5_x2AbjpJBmHK08g>
> Ham radio sales
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=Jmg2vAad2Nt8XBbyFDi9Kw>
> Rules of the road
> <http://groups.yahoo.com/gads?t=ms&k=Rules+of+the+road&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=bmZN_46zOf9OYOVdq99rSg>
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> ------------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
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>

[Non-text portions of this message have been removed]

# 3515. Re: [TS-850_450_690] Going Rate for 850SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-26 18:15:08 UTC
From: John
Topic: 3511  Message: 3515

Ken,

Take some good advice, and don't sell your TS-850. You will
be very sorry if you do sell it. I also bought mine new in the early
90's, and even though I have bought many more new HF rigs since
then, I still have my 850 SAT. It is extremely reliable, and seems
to perform better than some of my new "DSP" radio's.
I currently have a new FT-1000 MKV field, TS-2000, IC-746, and
many more smaller radio's - IC-706MK11G, FT-100D, TS-50 S, FT-817 etc.
But I have kept my old faithfulls - TS-850 SAT and TS-440 SAT.

A lot of the newer radio's have been reporting failed finals.
Keep that 850 Ken

73

John ZS5J
Richards Bay, South Africa
----- Original Message -----
From: nm9p
To: TS-850_450_690@yahoogroups.com
Sent: Friday, August 26, 2005 7:31 PM
Subject: [TS-850_450_690] Going Rate for 850SAT?

Hi everyone,
I have owned a TS-850SAT since 1993 and love it, love it, love it!
But some of my buddies are trying to talk me out of it. (which thy
probably will not be able to do.

I am wondering how much to hold out for?

stats...

Has built in tuner.
Has 270 Hz Narrow CW filter.
50 Million series serial number.
I am original owner. Non-Smoker.

Only mods are for 1) Noise Blanker mod and 2) 60M transmit mod.
No problems with DDS or anything.
Battery has NOT been replaced yet. (I know.... I need to get to that
soon!)

As I said, I love this rig, but could possibly be talked out of it for
the right price. I just want to know how high to go. (I don't want
to set what I think is an "unreasonable" and have them take me up on it!)

Thanks,

Ken - NM9P

THANKS FOR USING TS-850_450_690@...

SPONSORED LINKS Ham radio Craft hobby Hobby and craft supply
Hobby supply Ham radio sales Rules of the road

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YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

[Non-text portions of this message have been removed]

# 3516. serial number question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-26 18:38:30 UTC
From: Steve
Topic: 3516  Message: 3516

I have had mine for only 2 months ....But I love it...This is one radio I will pass on to my boy :) I just wish the DSP-100's weren't so high on ebay :(

Question for the group? My serial # starts with a 2100....what year is that?

tnx-7 3
Steve
kw5tx

# 3517. Re: [TS-850_450_690] serial number question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-26 18:45:53 UTC
From: Paul
Topic: 3516  Message: 3517

The Kenwood numbers are NOT in order. your radio might be one of the
last made.

Contact:

Kenwood Service Center East
829 Lynnhaven Pkwy., Suite 130 - Virginia Beach, VA 23452
Fax: (757) 340-6809
Repairs Only: (757) 340-1702

... and ask for Steve - he has all the numbers and what year they were made.

Paul - K2BK

Steve wrote:

> I have had mine for only 2 months ....But I love it...This is one
> radio I will pass on to my boy :) I just wish the DSP-100's
> weren't so high on ebay :(
>
> Question for the group? My serial # starts with a 2100....what year
> is that?
>
> tnx-7 3
> Steve
> kw5tx
>
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>
> THANKS FOR USING TS-850_450_690@...
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> ---------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.

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[Non-text portions of this message have been removed]

# 3518. Re: [TS-850_450_690] serial number question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-26 18:52:21 UTC
From: n7ioh
Topic: 3516  Message: 3518

Hi Steve, when I asked the same question about the when built I
received this answer from Randy, K9OR.
" First digit minus 2 gives year of manufacture, e.g. 6xxxxx is '94."

That would make your radio a 1990. You can always check with Kenwood to
be sure.

Al, N7IOH

Steve wrote:

>I have had mine for only 2 months ....But I love it...This is one
>radio I will pass on to my boy :) I just wish the DSP-100's
>weren't so high on ebay :(
>
>Question for the group? My serial # starts with a 2100....what year
>is that?
>
>tnx-7 3
>Steve
>kw5tx
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# 3519. Re: Going Rate for 850SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-26 20:42:26 UTC
From: max_ve3tmt
Topic: 3511  Message: 3519

--- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@y...> wrote:
> Hi everyone,
> I have owned a TS-850SAT since 1993 and love it, love it, love it!
> But some of my buddies are trying to talk me out of it. (which thy
> probably will not be able to do.

Ken,

I am on my 4th 850 and was lucky to get it. The previous three I always said would be "keepers" but I sold or traded them only to regret it. I am NEVER getting rid of my current one. I have owned many newer rigs with all the bells and whistles and they don't come close to the performance of the 850. There's a reason your buddies want your 850!

For the poster mentioning the price of the DSP100 units being so high, don't waste your money. With a good Heil broadcast mic your 850 will sound better than 75% of the rigs out there. Use the money for a better (read "bigger") antenna or other shack accessoires that will be put to more use. Or better yet send it to me!!

Max

# 3520. Re: serial number question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-26 20:45:48 UTC
From: max_ve3tmt
Topic: 3516  Message: 3520

--- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
> Hi Steve, when I asked the same question about the when built I
> received this answer from Randy, K9OR.
> " First digit minus 2 gives year of manufacture, e.g. 6xxxxxx is
'94."
>
>
> That would make your radio a 1990. You can always check with
Kenwood to
> be sure.
>
> Al, N7IOH

Al,

That would mean my 21 mil series was made in either 1990, but they didn't hit the stores until 1991 and I doubt they made that many before they released them to the general public, or 2000, which is also no as they were discontinued in 1996.

Now you have me curious!.

Max

# 3521. Re: [TS-850_450_690] Re: serial number question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-26 21:01:46 UTC
From: Paul Manuel
Topic: 3516  Message: 3521

--- max_ve3tmt <max_ve3tmt@...> wrote:
>> That would mean my 21 mil series was made in either 1990, but they
> didn't hit the stores until 1991 and I doubt they made that many
> before they released them to the general public, or 2000, which is
> also no as they were discontinued in 1996.

Not sure, but the idea of the first-digit-minus-two-years rule has been
generally accepted for quite some time.

Perhaps many of them were made in 1990. I think mine begins with a 3,
which I have always accepted as 1991.

The rule works with my Kenwood HT and the Kenwood TS-830 and 940s that I
once owned.
73,
Paul K4PDM

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 3522. Re: serial number question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-27 18:28:56 UTC
From: joseph4366
Topic: 3516  Message: 3522

--- In TS-850_450_690@yahoogroups.com, "Steve" <KW5TX@a...> wrote:
> I have had mine for only 2 months ....But I love it...This is one
> radio I will pass on to my boy :) I just wish the DSP-100's
> weren't so high on ebay :(
>
> Question for the group? My serial # starts with a 2100....what
year
> is that?
>
> tnx-7 3
> Steve
> kw5tx

Hi,

To resolve any ambiguity, try looking at the week/year code of
the chips in the rig. This is usually in the form 'yyww' (i.e '9234'
meaning the 34th week of 1992). From this you should be able to work
out the earliest date of manufacture that it could possibly be.

73 de G3LLV (Joe)

# 3523. Mint TS-850 SAT For Sale...DFW area only

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-27 20:07:25 UTC
From: w5lx
Topic: 3523  Message: 3523

I have a Mint Kenwood TS-850 SAT for sale in the DFW area only. I bought this radio new and it has LESS than 10 hours transmit time on it. It has been used very sparingly. No mods or circuit changes have been made to this radio...it is like it came from the factory. Manual and Schematics included. There are no scratches, marks, or dings on it whatsoever. Works like new. Original hand mike (unused) included. 50 million serial number. For pickup only in the Dallas-Ft.
Worth area of North Texas. $795 Pickup only.

# 3524. Re: serial number question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-29 10:40:54 UTC
From: Dennis, Philippines low budget dxer
Topic: 3516  Message: 3524

August 29, 2005

I was about to post this question myself because my 450 has an odd serial number = only 7 digits and starts with 1212xxx. Poking around I saw that one of the DDS IC on the Carrier Board has "9101" date on it and the other DDS IC has "9434" date code on it which makes my 450 manufactured sometime middle of 1994. I'll check to see if I can still find other IC's on the other boards to accertain the date of my (currently defective) TS450. I guess not all TS450 starts with 3 for the serial number ;-)

Dennis Ls. M. Cruz DV7-BJY
the Philippines

# 3525. Re: [TS-850_450_690] Going Rate for 850SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-29 18:08:55 UTC
From: Bill K0ZL
Topic: 3511  Message: 3525

Everyone that has sold their 850, has expressed regret
later.

If a sale is unavoidable for some reason, it's "supply
and demand". If someone offered me 1500 for mine, I
would let go of it and buy another, plus a 480! hi

bill

--- Paul <condor@...> wrote:

> I see what they go for on eBay, and because they are
> "old" and
> discontinued, it's not much - you can NOT get what
> its worth, so don't
> sell it!
>
> Paul - K2BK
>
>
>
>
> nm9p wrote:
>
> > Hi everyone,
> > I have owned a TS-850SAT since 1993 and love it,
> love it, love it!
> > But some of my buddies are trying to talk me out
> of it. (which they
> > probably will not be able to do.
> >
> > I am wondering how much to hold out for?
> >
> > stats...
> >
> > Has built in tuner.
> > Has 270 Hz Narrow CW filter.
> > 50 Million series serial number.
> > I am original owner. Non-Smoker.
> >
> > Only mods are for 1) Noise Blanker mod and 2) 60M
> transmit mod.
> > No problems with DDS or anything.
> > Battery has NOT been replaced yet. (I know.... I
> need to get to that
> > soon!)

> >
> > As I said, I love this rig, but could possibly be
> talked out of it for
> > the right price. I just want to know how high to
> go. (I don't want
> > to set what I think is an "unreasonable" and have
> them take me up on it!)
> >
> > Thanks,
> >
> > Ken - NM9P
> >
> >
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> >
> >
> >
> > SPONSORED LINKS
> > Ham radio
> >
>
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=TKovM7oc7Hb7m7s1QnI8NQ>
>
> > Craft hobby
> >
>
<http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=aCczxYGbc7HEzWT6A98gsQ>
>
> > Hobby and craft supply
> >
>
<http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=s4sTMX8XokRW5aUB02kneA>
>
> >
> > Hobby supply
> >
>
<http://groups.yahoo.com/gads?t=ms&k=Hobby+supply&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=0uugnZ5_x2AbjpJBmHK08g>
>

> > Ham radio sales
> >
>
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=Jmg2vAad2Nt8XBbyFDi9Kw>
>
> > Rules of the road
> >
>
<http://groups.yahoo.com/gads?t=ms&k=Rules+of+the+road&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=bmZN_46zOf9OYOVdq99rSg>
>
> >
> >
> >
> >
>
---
> > YAHOO! GROUPS LINKS
> >
> > * Visit your group "TS-850_450_690
> >
> <http://groups.yahoo.com/group/TS-850_450_690>" on
> the web.
> >
> > * To unsubscribe from this group, send an
> email to:
> > TS-850_450_690-unsubscribe@yahoogroups.com
> >
>
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> >
> > * Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of
> > Service <http://docs.yahoo.com/info/terms/>.
> >
> >
> >
>
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> >
>
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3526. Kenwood TS-450 TX problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-29 19:03:14 UTC
From: James
Topic: 3526  Message: 3526

Hi
My Ts-450 Stops TX after a few Minutes of keying, full 100watts to start with then after a few minutes power drops of completely, Still able to receive though, Any one got any ideas, please mail me direct at jim007_64@...

Many Thnaks

James M0DGD

# 3527. Re: [TS-850_450_690] Going Rate for 850SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-29 19:33:31 UTC
From: Bill K0ZL
Topic: 3511  Message: 3527

I paid nearly $1900 for same set up when it was new
and that was in '93 I think.

bill

--- Zack Widup <w9sz@...> wrote:

> I bought mine with the ATU, 500 Hz CW filters and
> the DRU-2 unit
> installed. I paid $900 for it and consider it well
> worth it, since it was
> in immaculate, brand-new condition when I got it.
>
> I did the 60 meter mod but haven't done the noise
> blanker mod yet. I
> think I will do that after the summer VHF+
> contesting season is over,
> which is keeping me busy repairing and modifying all
> my UHF/microwave gear
> for the next contest.
>
> 73, Zack W9SZ
>
>
> On Fri, 26 Aug 2005, nm9p wrote:
>
> > Hi everyone,
> > I have owned a TS-850SAT since 1993 and love it,
> love it, love it!
> > But some of my buddies are trying to talk me out
> of it. (which thy
> > probably will not be able to do.
> >
> > I am wondering how much to hold out for?
> >
> > stats...
> >
> > Has built in tuner.
> > Has 270 Hz Narrow CW filter.
> > 50 Million series serial number.
> > I am original owner. Non-Smoker.
> >
> > Only mods are for 1) Noise Blanker mod and 2) 60M
> transmit mod.
> > No problems with DDS or anything.
> > Battery has NOT been replaced yet. (I know.... I

> need to get to that
> > soon!)
> >
> > As I said, I love this rig, but could possibly be
> talked out of it for
> > the right price. I just want to know how high to
> go. (I don't want
> > to set what I think is an "unreasonable" and have
> them take me up on it!)
> >
> > Thanks,
> >
> > Ken - NM9P
> >
>
>

When in doubt, MODIFY...

# 3528. Re: [TS-850_450_690] Going Rate for 850SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-29 19:32:52 UTC
From: Bill K0ZL
Topic: 3511  Message: 3528

Tell 'em to get their own! hi...

b

--- nm9p <nm9p@...> wrote:

> Hi everyone,
> I have owned a TS-850SAT since 1993 and love it,
> love it, love it!
> But some of my buddies are trying to talk me out of
> it. (which thy
> probably will not be able to do.
>
> I am wondering how much to hold out for?
>
> stats...
>
> Has built in tuner.
> Has 270 Hz Narrow CW filter.
> 50 Million series serial number.
> I am original owner. Non-Smoker.
>
> Only mods are for 1) Noise Blanker mod and 2) 60M
> transmit mod.
> No problems with DDS or anything.
> Battery has NOT been replaced yet. (I know.... I
> need to get to that
> soon!)
>
> As I said, I love this rig, but could possibly be
> talked out of it for
> the right price. I just want to know how high to
> go. (I don't want
> to set what I think is an "unreasonable" and have
> them take me up on it!)
>
> Thanks,
>
> Ken - NM9P
>
>
>
>

When in doubt, MODIFY...

# 3529. Re: [TS-850_450_690] Internal Battery.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-29 19:51:16 UTC
From: Jim Henington
Topic: 3529  Message: 3529

Hello group,
Need to change out my battery, never been changed and I no I'm pushing my luck.
What would be the best for a non tech type, send in the unit or buy and install myself, I stress NON TECH TYPE.

Jim & Trisha Henington
2005 Allegro 32' WCC 8.1
Crafting & Rving and LOVING it
Ham Radio KI5OX
>> >
>>
>>
>
>
>
> When in doubt, MODIFY...
>
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>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
> ---
> YAHOO! GROUPS LINKS
>
> a.. Visit your group "TS-850_450_690" on the web.
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
> ---
>
>

# 3530. Re: Going Rate for 850SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-29 20:34:07 UTC
From: nm9p
Topic: 3511  Message: 3530

Hi Bill and everyone else,
Thanks to everyone for their responses.
They confirm what I suspected....I would regret getting rid of the ole' 850. Can't find anything elswe like it, new or used, for anywhere near the amount I could get for it.

I paid just a little over $1,825.14 includng sales tax for it in September 1993 (Still have original receipt) from R&L Electronics when they had a branch store in Indianapolis. I guess that would be about the same price as an Icom ProII or III in today's dollars. (I still can't believe I was able to get the XYL to agree to it back then! It was about a month's salary.)

I took over a year, playing and comparing rigs from the "top three" until I decided on the 850. Compared it to Yeasu's 990, and Icom's equivalent rig, (I think it was the 751 or 761?) and none had the performance, panel layout, or other features that the 850 had. I guess History has confirmed my diligent choice.... You don't see the Yeasu 990 or Icom 751 keeping as loyal a following as the TS850. (I just wish I had the same success in choosing cars!)

I'm keeping it! And no looking back. (I just wish it had 6 Meters in it.... But then, I have my 706 MKIIG for that!)

Thanks everyone.....
Keep the airwaves hot!

Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> Tell 'em to get their own! hi...
>
> b
>
>
> --- nm9p <nm9p@y...> wrote:
>
> > Hi everyone,
> > I have owned a TS-850SAT since 1993 and love it,
> > love it, love it!
> > But some of my buddies are trying to talk me out of
> > it. (which thy
> > probably will not be able to do.
> >
> > I am wondering how much to hold out for?
> >

> > stats...
> >
> > Has built in tuner.
> > Has 270 Hz Narrow CW filter.
> > 50 Million series serial number.
> > I am original owner. Non-Smoker.
> >
> > Only mods are for 1) Noise Blanker mod and 2) 60M
> > transmit mod.
> > No problems with DDS or anything.
> > Battery has NOT been replaced yet. (I know.... I
> > need to get to that
> > soon!)
> >
> > As I said, I love this rig, but could possibly be
> > talked out of it for
> > the right price. I just want to know how high to
> > go. (I don't want
> > to set what I think is an "unreasonable" and have
> > them take me up on it!)
> >
> > Thanks,
> >
> > Ken - NM9P
> >
> >
> >
> >
>
>
>
> When in doubt, MODIFY...

# 3531. Re: [TS-850_450_690] Re: Going Rate for 850SAT?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-29 22:06:14 UTC
From: Paul
Topic: 3511  Message: 3531

Goooooood thinkin' ;)

nm9p wrote:

> Hi Bill and everyone else,
> Thanks to everyone for their responses.
> They confirm what I suspected....I would regret getting rid of the
> ole' 850. Can't find anything else like it, new or used, for
> anywhere near the amount I could get for it.
>
> I paid just a little over $1,825.14 includng sales tax for it in
> September 1993 (Still have original receipt) from R&L Electronics when
> they had a branch store in Indianapolis. I guess that would be about
> the same price as an Icom ProII or III in today's dollars. (I still
> can't believe I was able to get the XYL to agree to it back then! It
> was about a month's salary.)
>
> I took over a year, playing and comparing rigs from the "top three"
> until I decided on the 850. Compared it to Yeasu's 990, and Icom's
> equivalent rig, (I think it was the 751 or 761?) and none had the
> performance, panel layout, or other features that the 850 had. I
> guess History has confirmed my diligent choice.... You don't see the
> Yeasu 990 or Icom 751 keeping as loyal a following as the TS850. (I
> just wish I had the same success in choosing cars!)
>
> I'm keeping it! And no looking back. (I just wish it had 6 Meters in
> it.... But then, I have my 706 MKIIG for that!)
>
>
> Thanks everyone.....
> Keep the airwaves hot!
>
> Ken - NM9P
>
>
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> > Tell 'em to get their own! hi...
> >
> > b
> >
> >
> > --- nm9p <nm9p@y...> wrote:
> >
> > > Hi everyone,

> > > I have owned a TS-850SAT since 1993 and love it,
> > > love it, love it!
> > > But some of my buddies are trying to talk me out of
> > > it. (which thy
> > > probably will not be able to do.
> > >
> > > I am wondering how much to hold out for?
> > >
> > > stats...
> > >
> > > Has built in tuner.
> > > Has 270 Hz Narrow CW filter.
> > > 50 Million series serial number.
> > > I am original owner. Non-Smoker.
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> > > Only mods are for 1) Noise Blanker mod and 2) 60M
> > > transmit mod.
> > > No problems with DDS or anything.
> > > Battery has NOT been replaced yet. (I know.... I
> > > need to get to that
> > > soon!)
> > >
> > > As I said, I love this rig, but could possibly be
> > > talked out of it for
> > > the right price. I just want to know how high to
> > > go. (I don't want
> > > to set what I think is an "unreasonable" and have
> > > them take me up on it!)
> > >
> > > Thanks,
> > >
> > > Ken - NM9P
> > >
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> > When in doubt, MODIFY...
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>
> THANKS FOR USING TS-850_450_690@...
>
>
>
> SPONSORED LINKS
> Ham radio

> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=TKovM7oc7Hb7m7s1QnI8NQ>
> Craft hobby
> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=aCczxYGbc7HEzWT6A98gsQ>
> Hobby and craft supply
> <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=s4sTMX8XokRW5aUB02kneA>
>
> Hobby supply
> <http://groups.yahoo.com/gads?t=ms&k=Hobby+supply&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=0uugnZ5_x2AbjpJBmHK08g>
> Ham radio sales
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=Jmg2vAad2Nt8XBbyFDi9Kw>
> Rules of the road
> <http://groups.yahoo.com/gads?t=ms&k=Rules+of+the+road&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Hobby+supply&w5=Ham+radio+sales&w6=Rules+of+the+road&c=6&s=122&.sig=bmZN_46zOf9OYOVdq99rSg>
>
>
>
> ---------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ---------------------------------------------------------------------
>

[Non-text portions of this message have been removed]

# 3532. Re: [TS-850_450_690] Internal Battery.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-30 02:26:53 UTC
From: Bill K0ZL
Topic: 3529  Message: 3532

Jim, you are going to be tilting the front panel
forward and then removing most of the flex ribbon
cables from the control unit, and unmounting it and
tilting it forward to get to the battery solder pads
in the back. Then you will need to desolder the batt
and replace it, with a grounded iron, making sure that
the rig itself is not grounded, or you will short the
battery with the iron tip.

Then putting everything back together and possibly
doing a master reset.

Sound like something you want to tackle?

Bill

--- Jim Henington <jimh@...> wrote:

> Hello group,
> Need to change out my battery, never been changed
> and I no I'm pushing my
> luck.
> What would be the best for a non tech type, send in
> the unit or buy and
> install myself, I stress NON TECH TYPE.
>
> Jim & Trisha Henington
> 2005 Allegro 32' WCC 8.1
> Crafting & Rving and LOVING it
> Ham Radio KI5OX
> >> >
> >>
> >>
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> > >
> > >
> > > When in doubt, MODIFY...
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> > >
> > > THANKS FOR USING TS-850_450_690@...
> > >

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>
---
> > YAHOO! GROUPS LINKS
> >
> > a.. Visit your group "TS-850_450_690" on the
> web.
> >
> > b.. To unsubscribe from this group, send an
> email to:
> > TS-850_450_690-unsubscribe@yahoogroups.com
> >
> > c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
> >
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>

When in doubt, MODIFY...

# 3533. Re: [TS-850_450_690] Internal Battery.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-30 03:21:26 UTC
From: Jim Henington
Topic: 3529  Message: 3533

No way Bill,
What do you suggest?

Jim & Trisha Henington
2005 Allegro 32' WCC 8.1
Crafting & Rving and LOVING it
----- Original Message -----
From: "Bill K0ZL" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, August 29, 2005 9:26 PM
Subject: Re: [TS-850_450_690] Internal Battery.

> Jim, you are going to be tilting the front panel
> forward and then removing most of the flex ribbon
> cables from the control unit, and unmounting it and
> tilting it forward to get to the battery solder pads
> in the back. Then you will need to desolder the batt
> and replace it, with a grounded iron, making sure that
> the rig itself is not grounded, or you will short the
> battery with the iron tip.
>
> Then putting everything back together and possibly
> doing a master reset.
>
> Sound like something you want to tackle?
>
> Bill
>
> --- Jim Henington <jimh@...> wrote:
>
>> Hello group,
>> Need to change out my battery, never been changed
>> and I no I'm pushing my
>> luck.
>> What would be the best for a non tech type, send in
>> the unit or buy and
>> install myself, I stress NON TECH TYPE.
>>
>> Jim & Trisha Henington
>> 2005 Allegro 32' WCC 8.1
>> Crafting & Rving and LOVING it
>> Ham Radio KI5OX
>> >> >
>> >>
>> >>

>> >
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>> > When in doubt, MODIFY...
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>> >
>> > THANKS FOR USING TS-850_450_690@...
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> ---------------------------------------------------------------------------
>> > YAHOO! GROUPS LINKS
>> >
>> > a.. Visit your group "TS-850_450_690" on the
>> web.
>> >
>> > b.. To unsubscribe from this group, send an
>> email to:
>> > TS-850_450_690-unsubscribe@yahoogroups.com
>> >
>> > c.. Your use of Yahoo! Groups is subject to the
>> Yahoo! Terms of Service.
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> ---------------------------------------------------------------------------
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> When in doubt, MODIFY...
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> THANKS FOR USING TS-850_450_690@...
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> ---
> YAHOO! GROUPS LINKS
>
> a.. Visit your group "TS-850_450_690" on the web.
>
> b.. To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
>
>
> ---
>
>

# 3534. SSB Output level. TS-850+DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-30 19:18:51 UTC
From: Terry
Topic: 3534  Message: 3534

Hi guys,
I am having aproblem setting the output ALC level (REF Page 5 DSP-100 manual) My 850 is running about 120W full whack, but adjusting the level on the back of the DSP-100, doesn't quite allow full ALC. If I turn the PWR on the 850, I can.
EVERYTHING has been checked, the usual DSP 1 and DSP 2 leads and switch settings etc.
I run the mic gain on the DSP unit at exactly 9 o'clock posotion, and have to "speak it up" tp get the ALC to it's end range.

So, is this a problem that has been picked up before, or is because I have tweaked the O/P PWR, or am I going senile!?

TIA

Terry G0VHS
Echolink #4706

# 3535. No reception on 850sat ...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-31 13:03:56 UTC
From: Allan TOMIELLO
Topic: 3535  Message: 3535

Hi all,

I am a new member since some weeks ago and I enjoy to read your commentary.
I learn more and more interesting things about kenwood rigs.

But unfortunately I have a problem with my 850sat. I have no signal reception on all band and every mods ... The transmission works fine ... I opened the transceiver and I listen a little high-pitched noise near the antenna-tuner. The tuner looks like to work fine so I think it's not a problem with it.
A friend tell me to see near th PA unit, there is a compoment like a whose sometimes pass qrt and cause any problems.
Could you tell me where is the PA unit, because I don't have the technical manual for the moment. I look for it on internet.
If someone had the same problem, any help will be very appreciated ...

Many thanks

Regards

Allan TOMIELLO - France

# 3538. Re: No reception on 850sat ...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-08-31 18:01:54 UTC
From: hugh4444
Topic: 3535  Message: 3538

--- In TS-850_450_690@yahoogroups.com, "Allan TOMIELLO"
<f14at259@y...> wrote:
> MAKE SURE YOUR SQUELCH IS PROPERLY SET. TURN YOUR
SQL KNOB ON UPPER RIGHT OF FRONT PANEL TO ZERO.
> Hi all,
>
> I am a new member since some weeks ago and I enjoy to read your
commentary.
> I learn more and more interesting things about kenwood rigs.
>
> But unfortunately I have a problem with my 850sat. I have no
signal
> reception on all band and every mods ... The transmission works
fine ... I
> opened the transceiver and I listen a little high-pitched noise
near the
> antenna-tuner. The tuner looks like to work fine so I think it's
not a
> problem with it.
> A friend tell me to see near th PA unit, there is a compoment like
a whose
> sometimes pass qrt and cause any problems.
> Could you tell me where is the PA unit, because I don't have the
technical
> manual for the moment. I look for it on internet.
> If someone had the same problem, any help will be very
appreciated ...
>
> Many thanks
>
> Regards
>
> Allan TOMIELLO - France

# 3539. Re: [TS-850_450_690] No reception on 850sat ...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-01 01:52:03 UTC
From: Bill K0ZL
Topic: 3535  Message: 3539

Most likely caused by failure of D31, part RLS135. It
is a surface mount glass diode, located on the back
side of the RF unit, near the bandpass filter area.

Bill K0ZL

--- Allan TOMIELLO <f14at259@...> wrote:

>
> Hi all,
>
> I am a new member since some weeks ago and I enjoy
> to read your commentary.
> I learn more and more interesting things about
> kenwood rigs.
>
> But unfortunately I have a problem with my 850sat.
> I have no signal
> reception on all band and every mods ... The
> transmission works fine ... I
> opened the transceiver and I listen a little
> high-pitched noise near the
> antenna-tuner. The tuner looks like to work fine so
> I think it's not a
> problem with it.
> A friend tell me to see near th PA unit, there is a
> compoment like a whose
> sometimes pass qrt and cause any problems.
> Could you tell me where is the PA unit, because I
> don't have the technical
> manual for the moment. I look for it on internet.
> If someone had the same problem, any help will be
> very appreciated ...
>
> Many thanks
>
> Regards
>
> Allan TOMIELLO - France
>
>

When in doubt, MODIFY...

# 3540. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-01 02:33:11 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 3540

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /REPAIRS AND HOW-TOS/TS-850_REPL_D31_ETC.pdf
Uploaded by : k0zl <coorsbill@...>
Description : Fix leaky RF unit diodes...de K0ZL 8/31/05

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/REPAIRS%20AND%20HOW-TOS/TS-850_REPL_D31_ETC.pdf

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

k0zl <coorsbill@...>

# 3541. Internal tuner question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-02 12:35:25 UTC
From: max_ve3tmt
Topic: 3541  Message: 3541

Sometimes my tuner will not stop when it achieves a ow SWR. It will continue to tune right on past the lowest point. On 40m it will not tune my R7 at all, yet without the tuner in line the SWR is flat at 7.070 Mhz. Is there an adjustment somewhere that is out of sync??

Max

# 3542. Re: [TS-850_450_690] Internal tuner question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-02 13:20:44 UTC
From: Bill K0ZL
Topic: 3541  Message: 3542

Max,

I don't see any adjustment procedure at all in the SM
for the AT unit.

Make sure your NULL adjustment is OK, step 24, also
the SWR calibration, using a 150 ohm load, step 37.

bill

--- max_ve3tmt <max_ve3tmt@...> wrote:

> Sometimes my tuner will not stop when it achieves a
> ow SWR. It will
> continue to tune right on past the lowest point. On
> 40m it will not
> tune my R7 at all, yet without the tuner in line the
> SWR is flat at
> 7.070 Mhz. Is there an adjustment somewhere that is
> out of sync??
>
> Max
>
>
>
>

When in doubt, MODIFY...

# 3543. Speaking of the tuner - squeak and squawk

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-03 00:54:17 UTC
From: Dave
Topic: 3541  Message: 3543

My AT tuner squeaks and squawks when it auto-tunes. I read somewhere about disassembling and getting some lube in there. But I'll be darned - I was unable to disassemble it far enough to get to the plastic shafts. Just how far do I have to get it apart? It seemed I was about to bend a metal housing in the attempt, so I backed down.

Anybody got some neato photos to show how this thing comes apart?

TIA

Dave W8NF

# 3544. Re: [TS-850_450_690] Speaking of the tuner - squeak and squawk

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-03 03:52:23 UTC
From: Bill K0ZL
Topic: 3541  Message: 3544

Removing the AT unit from the rig completely, only way
to do it. Not that hard Dave.

I have to do the same thing here.

It's not the plastic that is squawking, it's the metal
bushings on the cap shafts that need some oil.

bill

--- Dave <emailw8nf@...> wrote:

> My AT tuner squeaks and squawks when it auto-tunes.
> I read somewhere
> about disassembling and getting some lube in there.
> But I'll be
> darned - I was unable to disassemble it far enough
> to get to the
> plastic shafts. Just how far do I have to get it
> apart? It seemed I
> was about to bend a metal housing in the attempt, so
> I backed down.
>
> Anybody got some neato photos to show how this thing
> comes apart?
>
> TIA
>
> Dave W8NF
>
>
>
>
>
>

When in doubt, MODIFY...

# 3545. TS-450S Interface Cable for PC-Control & Logging Data ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-03 17:06:49 UTC
From: ve9xyz
Topic: 3545  Message: 3545

I've had my TS-450S for less than a year and and now getting around to the idea of using my PC-Logging Application (Amateur Contact Log 2.8) with perform basic tuning and mode information. Also, I've started to think that maybe I should be using Ham Radio Deluxe to control this rig.

I'd be interested in hearing the group's comments on two things:
(1) Where does one buy the interface cable, or does one make this up as a home-brew project?
(2) Are others hapily using Amateur Contact Log 2.8 &/or Ham Radio Deluxe with their TS-450S successfully? Or should I be starting to work with something else before I spend much time on this.

Thanks guys, gals.

Kevin

VE9-XYZ

# 3546. Re: [TS-850_450_690] TS-450S Interface Cable for PC-Control & Logging Data ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-03 18:11:14 UTC
From: ve3wej
Topic: 3545  Message: 3546

> (1) Where does one buy the interface cable, or does one make this up
> as a home-brew project?

the 6 pin din cable i use (at both ends) is from a c64 disk drive along with the if232c

> (2) Are others hapily using Amateur Contact Log 2.8 &/or Ham Radio
> Deluxe with their TS-450S successfully? Or should I be starting to
> work with something else before I spend much time on this.

This depends on what you want to do with the interfacing. I have hrd, but seldom use it, have log(win)eqf, but seldom use it.. my logging program here (dxbase) does the ts440, the 850 and the icom 706mkiig with no problem, but....are you trying to control radio only or have the radio repond to dx spaots...makes a big difference

> Thanks guys, gals.
>
> Kevin
>
> VE9-XYZ
>
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3547. Re: TS-450S Interface Cable for PC-Control & Logging Data ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-03 20:54:53 UTC
From: max_ve3tmt
Topic: 3545  Message: 3547

Kevin,

I use both Ham Radio Deluxe and ACLog with my TS850. Both feature integrated spotting so if you want to work a particular DX station, one click and your rig is there. I built my PC interface and housed it inside the rig where the voice synthesizer board would normally sit. By putting it inside your don't need any cabling other than a 9 pin serial cable between your rig and PC and no power suppy required. But whether you put it in or out, save some money and build your own. The Kenwood version is way too expensive, you can build new for under $30 and have a lot more fun. If you want any other information, e-mail me direct.

Max

max_ve3tmt(@)yahoo.ca (remove the brackets).

# 3548. TS850sat Display

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-04 12:01:59 UTC
From: Nik Read
Topic: 3548  Message: 3548

I have recently asked for help on this subject and I thank all who responded

Today I have replaced the second capacitor that was said to possibly cause
the display to fail. (C7 on the display board).. I excitedly switched on
and ......... nothing !!.. Both RX and TX working fine but still nothing
on the display..

Please could anybody pass me any more pointers which way to look next ??
Any help would be greatly appreciated ..

Thanks in advance...

Nik
M5DND

--
No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.344 / Virus Database: 267.10.18/89 - Release Date: 02/09/05

# 3549. Re: [TS-850_450_690] TS850sat Display

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-04 12:18:07 UTC
From: ve3wej
Topic: 3548  Message: 3549

instead of looking where you lost the 13 v, check to see if maybe you have
an open ground side.

Dave
----- Original Message -----
From: "Nik Read" <g7dnd.nread@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, September 04, 2005 8:01 AM
Subject: [TS-850_450_690] TS850sat Display

>
> I have recently asked for help on this subject and I thank all who
responded
>
>
> Today I have replaced the second capacitor that was said to possibly
cause
> the display to fail. (C7 on the display board).. I excitedly switched on
> and ......... nothing !!.. Both RX and TX working fine but still nothing
> on the display..
>
> Please could anybody pass me any more pointers which way to look next ??
> Any help would be greatly appreciated ..
>
> Thanks in advance...
>
> Nik
> M5DND
>
>
>
> --
> No virus found in this outgoing message.
> Checked by AVG Anti-Virus.
> Version: 7.0.344 / Virus Database: 267.10.18/89 - Release Date: 02/09/05
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>

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>
>

# 3550. TS-850 a GREAT Receiver

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-05 12:53:50 UTC
From: Sergio Potes
Topic: 3550  Message: 3550

I had a TS-850 and sold it.. regreted it....but found a late serial number one 70..
and have two 500 Hz filters and the narrow ssb filter.
I Owned a Yaesu FT 1000 Mark V and a Tentec Orion.
The above radios are excellent and the FT-1000 Mark V at the going rate is a great buy.
But the TS-850 receiver has to have one of the best receivers made.
Great audio and excellent qsk.
Regards! Sergio

# 3551. Re: [TS-850_450_690] TS-850 a GREAT Receiver

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-05 22:46:02 UTC
From: Frank Sellers
Topic: 3550  Message: 3551

I agree, but I am a yaesu 1000 fan , but you are
correct the 850 is a very good rig.

Frank N6AQ
http://www.n6aq.com

--- Sergio Potes <verotex@...> wrote:

> I had a TS-850 and sold it.. regreted it....but
> found a late serial
> number one 70..
> and have two 500 Hz filters and the narrow ssb
> filter.
> I Owned a Yaesu FT 1000 Mark V and a Tentec Orion.
> The above radios are excellent and the FT-1000 Mark
> V at the going
> rate is a great buy.
> But the TS-850 receiver has to have one of the best
> receivers made.
> Great audio and excellent qsk.
> Regards! Sergio
>
>
>

Frank N6AQhttp://www.n6aq.com/index.php

---------------------------------------------------
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Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 3552. RS-232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-06 06:34:32 UTC
From: sm7ygz
Topic: 3552  Message: 3552

Hi !!

Is the IF-10 com interface build in in the TS-450 ? Can i see if my rigg has a rs-232 interface ? Would like to use it with N1MM and Ham Radio Deluxe.

73
/Rob
SM7YGZ

PS. BTW, im new here, HI !

# 3553. Re: RS-232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-06 11:10:18 UTC
From: max_ve3tmt
Topic: 3552  Message: 3553

--- In TS-850_450_690@yahoogroups.com, "sm7ygz" <sm7ygz@h...> wrote:
> Hi !!
>
> Is the IF-10 com interface build in in the TS-450 ? Can i see if my
> rigg has a rs-232 interface ? Would like to use it with N1MM and Ham
> Radio Deluxe.
>
> 73
> /Rob
> SM7YGZ
>
> PS. BTW, im new here, HI !

Welcome to the group Rob. You still need a TTL/RS232 converter for
the 450. It is not built in. It plugs into the DIN plug on the left
side of the chasis near the front.

Max

# 3554. RE: [TS-850_450_690] Re: RS-232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-06 11:11:59 UTC
From: Robban - SM7YGZ
Topic: 3552  Message: 3554

Aha, OK then i know ! Have to look for a interface.

-----

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of max_ve3tmt
Sent: den 6 september 2005 13:10
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: RS-232 interface

--- In TS-850_450_690@yahoogroups.com, "sm7ygz" <sm7ygz@h...> wrote:
> Hi !!
>
> Is the IF-10 com interface build in in the TS-450 ? Can i see if my
> rigg has a rs-232 interface ? Would like to use it with N1MM and Ham
> Radio Deluxe.
>
> 73
> /Rob
> SM7YGZ
>
> PS. BTW, im new here, HI !

Welcome to the group Rob. You still need a TTL/RS232 converter for
the 450. It is not built in. It plugs into the DIN plug on the left
side of the chasis near the front.

Max

THANKS FOR USING TS-850_450_690@...

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Ham
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+antenna&w1=Ham+radio+antenna&
w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=IKueKpmXBkH
n27U_Hvnh0g> radio antenna

Ham
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio+antenna&w2=Ham+r
adio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=bXokIJQ1t8owK72cN8w
1qg> radio

Ham
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio+antenna&w2
=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=YBSykFO-4qT9U
i8DW2seAQ> radio sales

Ham
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+store&w1=Ham+radio+antenna&w2
=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=m4oeX-8sH_eEq
Y01_uyWnw> radio store

---

YAHOO! GROUPS LINKS

* Visit your group "TS-850_450_690
<http://groups.yahoo.com/group/TS-850_450_690> " on the web.

* To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo!
<http://docs.yahoo.com/info/terms/> Terms of Service.

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Jag anvander en gratisversion av SPAMfighter for privata anvandare.
1954 spam har blivit blockerade hittills.
Betalande anvandare har inte meddelande i sin e-post.
Hamta gratis SPAMfighter
<http://www.spamfighter.com/Lang_SV/Product_Info.asp?/> idag!

[Non-text portions of this message have been removed]

# 3555. RE: [TS-850_450_690] Re: RS-232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-06 13:35:44 UTC
From: Kim Wind
Topic: 3552  Message: 3555

Then look by http://wimo.de they have what you want.
They also have there homepage in English

Kim

Robban - SM7YGZ <sm7ygz@...> wrote:
Aha, OK then i know ! Have to look for a interface.

_____

From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of max_ve3tmt
Sent: den 6 september 2005 13:10
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: RS-232 interface

--- In TS-850_450_690@yahoogroups.com, "sm7ygz" <sm7ygz@h...> wrote:
> Hi !!
>
> Is the IF-10 com interface build in in the TS-450 ? Can i see if my
> rigg has a rs-232 interface ? Would like to use it with N1MM and Ham
> Radio Deluxe.
>
> 73
> /Rob
> SM7YGZ
>
> PS. BTW, im new here, HI !

Welcome to the group Rob. You still need a TTL/RS232 converter for
the 450. It is not built in. It plugs into the DIN plug on the left
side of the chasis near the front.

Max

THANKS FOR USING TS-850_450_690@...

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Ham
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+antenna&w1=Ham+radio+antenna&
w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=IKueKpmXBkH
n27U_Hvnh0g> radio antenna

Ham
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio+antenna&w2=Ham+r
adio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=bXokIJQ1t8owK72cN8w
1qg> radio

Ham
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio+antenna&w2
=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=YBSykFO-4qT9U
i8DW2seAQ> radio sales

Ham
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+store&w1=Ham+radio+antenna&w2
=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=m4oeX-8sH_eEq
Y01_uyWnw> radio store

_____

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<http://groups.yahoo.com/group/TS-850_450_690> " on the web.

* To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>

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<http://docs.yahoo.com/info/terms/> Terms of Service.

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Jag anvander en gratisversion av SPAMfighter for privata anvandare.
1954 spam har blivit blockerade hittills.
Betalande anvandare har inte meddelande i sin e-post.
Hamta gratis SPAMfighter
<http://www.spamfighter.com/Lang_SV/Product_Info.asp?/> idag!

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

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---
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---

Best regards

oz1jux

oz1jux@...
http://oz1jux.qrz.dk

---

Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

# 3556. Re: RS-232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-06 17:06:36 UTC
From: max_ve3tmt
Topic: 3552  Message: 3556

```
--- In TS-850_450_690@yahoogroups.com, Kim Wind <oz1jux@y...> wrote:
> Then look by http://wimo.de they have what you want.
> They also have there homepage in English
>
> Kim

Why not build one, it's cheaper and fun!
```

# 3557. Re: [TS-850_450_690] Re: RS-232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-06 17:16:19 UTC
From: Zack Widup
Topic: 3552  Message: 3557

I built one using a 7404 and 1488 and 1489 chips. If I make another one
I'll probably use a MAX232. It's a pretty simple circuit at any rate!

73, Zack W9SZ

On Tue, 6 Sep 2005, max_ve3tmt wrote:

> --- In TS-850_450_690@yahoogroups.com, Kim Wind <oz1jux@y...> wrote:
> > Then look by http://wimo.de they have what you want.
> > They also have there homepage in English
> >
> > Kim
>
>
> Why not build one, it's cheaper and fun!

# 3558. RE: [TS-850_450_690] Re: RS-232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-06 17:39:38 UTC
From: Allan
Topic: 3552  Message: 3558

Hi all,

If you want to build it, you can visit this site :
http://tk5ep.free.fr/index_g.htm (all infos and schemas in English ) and
using a MAX232 ...

Regards

Allan TOMIELLO from France

---

De : TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com] De la part de max_ve3tmt
Envoyé : mardi 6 septembre 2005 19:07
À : TS-850_450_690@yahoogroups.com
Objet : [TS-850_450_690] Re: RS-232 interface

--- In TS-850_450_690@yahoogroups.com, Kim Wind <oz1jux@y...> wrote:
> Then look by http://wimo.de they have what you want.
> They also have there homepage in English
>
> Kim

Why not build one, it's cheaper and fun!

THANKS FOR USING TS-850_450_690@...

---

YAHOO! GROUPS LINKS

* Visit your group "TS-850_450_690
<http://groups.yahoo.com/group/TS-850_450_690> " on the web.

* To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service <http://docs.yahoo.com/info/terms/> .

---

# 3559. Re: RS-232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-06 20:14:19 UTC
From: max_ve3tmt
Topic: 3552  Message: 3559

--- In TS-850_450_690@yahoogroups.com, "Allan" <f14at259@y...> wrote:
>
> Hi all,
>
> If you want to build it, you can visit this site :
> http://tk5ep.free.fr/index_g.htm (all infos and schemas in English ) and
> using a MAX232 ...

The easiest one to build is in the files section of this very page. I have built 4 or 5 of them with no problems whatsoever. It will fit on a piece of perfboard from Radio Shack. The circuit can be installed in the radio or put in a mini-box. I put mine inside the 850 so there are no cables anywhere except the serial cable coming from the PC.

Max

# 3560. Re: Re: [TS-850_450_690] Re: RS-232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-06 21:29:47 UTC
From: Mark Saunders
Topic: 3552  Message: 3560

Very interesting.

I have a Kenwood IF-232 in use with my TS-850S/AT. It workd great. I recently purchased an IC-706MKIIG. Since the IF-232 is a level converter and the IC-17 is the same thing. I wonder if it is possible to take the RX & TX from the IF-232 and connect it to the IC-706MKIIG through the 1/8" jack (ring & tip connections).

What does the group think?

Mark Saunders, KJ7BS
Glendale, AZ
==========
From: Zack Widup <w9sz@...>
Date: 2005/09/06 Tue PM 01:16:19 EDT
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Re: RS-232 interface

I built one using a 7404 and 1488 and 1489 chips. If I make another one I'll probably use a MAX232. It's a pretty simple circuit at any rate!

73, Zack W9SZ

On Tue, 6 Sep 2005, max_ve3tmt wrote:

> --- In TS-850_450_690@yahoogroups.com, Kim Wind <oz1jux@y...> wrote:
> > Then look by http://wimo.de they have what you want.
> > They also have there homepage in English
> >
> > Kim
>
>
> Why not build one, it's cheaper and fun!

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

==========

# 3561. [TS-850_450_690] Re: RS-232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-07 00:46:38 UTC
From: max_ve3tmt
Topic: 3552  Message: 3561

--- In TS-850_450_690@yahoogroups.com, Mark Saunders <kj7bs@c...> wrote:
> Very interesting.
>
> I have a Kenwood IF-232 in use with my TS-850S/AT. It workd great.
I recently purchased an IC-706MKIIG. Since the IF-232 is a level
converter and the IC-17 is the same thing. I wonder if it is possible
to take the RX & TX from the IF-232 and connect it to the IC-706MKIIG
through the 1/8" jack (ring & tip connections).
>
> What does the group think?
>
> Mark Saunders, KJ7BS
> Glendale, AZ

Mark,

One of the circuits I built using the MAX232A and 74LS04 worked on
both my TS850 and my Yaesu FT900 and I believe it worked on my 706MKII
as well. My memory ain't what it used to be.

Max

# 3562. RE: [TS-850_450_690] Re: RS-232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-07 01:15:12 UTC
From: Mark Saunders, KJ7BS
Topic: 3552  Message: 3562

That is interesting. I thought this might be the case. I'll give it a try. My laptop does not have a 9-pin serial port, only USB. I am thinking about a USB to serial interface for my laptop or putting the interface in the IF-232. This way I can run a USB or serial cable to the IF-232.

Anybody got plans for a USB to serial interface?

Mark Saunders, KJ7BS
Glendale, AZ

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of max_ve3tmt
Sent: Tuesday, September 06, 2005 5:47 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: RS-232 interface

--- In TS-850_450_690@yahoogroups.com, Mark Saunders <kj7bs@c...> wrote:
> Very interesting.
>
> I have a Kenwood IF-232 in use with my TS-850S/AT. It workd great.
I recently purchased an IC-706MKIIG. Since the IF-232 is a level converter and the IC-17 is the same thing. I wonder if it is possible to take the RX & TX from the IF-232 and connect it to the IC-706MKIIG through the 1/8" jack (ring & tip connections).
>
> What does the group think?
>
> Mark Saunders, KJ7BS
> Glendale, AZ

Mark,

One of the circuits I built using the MAX232A and 74LS04 worked on both my TS850 and my Yaesu FT900 and I believe it worked on my 706MKII as well. My memory ain't what it used to be.

Max

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3563. Re: RS-232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-07 01:38:25 UTC
From: max_ve3tmt
Topic: 3552  Message: 3563

--- In TS-850_450_690@yahoogroups.com, "Mark Saunders, KJ7BS"
<kj7bs@c...> wrote:

> Anybody got plans for a USB to serial interface?

Mark,

They are available at any computer shop, here is an example from one
of my local shops:

http://www.kingstoncomputerplanet.com/products/?ci
d=13&scid=08&pid=130800016&sid=e6613e02898dfa0e0095c582e8437b33

Max

# 3564. RE: [TS-850_450_690] Re: RS-232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-07 01:44:25 UTC
From: Mark Saunders, KJ7BS
Topic: 3552  Message: 3564

Thanks. I was hoping for plans. I like tinkering, too. This will do
nicely.

Mark, KJ7BS
Glendale, AZ

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of max_ve3tmt
Sent: Tuesday, September 06, 2005 6:38 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: RS-232 interface

--- In TS-850_450_690@yahoogroups.com, "Mark Saunders, KJ7BS"
<kj7bs@c...> wrote:

> Anybody got plans for a USB to serial interface?

Mark,

They are available at any computer shop, here is an example from one
of my local shops:

http://www.kingstoncomputerplanet.com/products/?ci
d=13&scid=08&pid=130800016&sid=e6613e02898dfa0e0095c582e8437b33

Max

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3565. Re: [TS-850_450_690] Re: RS-232 interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-07 08:29:29 UTC
From: Kim Wind
Topic: 3552  Message: 3565

Yes you have right.it is funny to build, but if it finish you true it in the corner to all other thing that you have build true the last years. So do many local Hams that I know, I have do it myself build a counter, nearly finish only have to build it in the box and wired the last wires the 2 ports on it.
I use a LCU3-K for my TS850S USB to serial converter and it work great. Only on 10 meter band I can hear some noise from the laptop.

kim

max_ve3tmt <max_ve3tmt@...> wrote:
--- In TS-850_450_690@yahoogroups.com, Kim Wind <oz1jux@y...> wrote:
> Then look by http://wimo.de they have what you want.
> They also have there homepage in English
>
> Kim

Why not build one, it's cheaper and fun!

THANKS FOR USING TS-850_450_690@...

---
YAHOO! GROUPS LINKS

Visit your group "TS-850_450_690" on the web.

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

Best regards

oz1jux

oz1jux@...
http://oz1jux.qrz.dk

---
Click here to donate to the Hurricane Katrina relief effort.

[Non-text portions of this message have been removed]

# 3566. TS850sat Display board

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-07 16:53:46 UTC
From: Nik Read
Topic: 3566  Message: 3566

Sorry to ask for help again but having found the time to check through the display board I need some assistance!!

The circuit diagram in the service manual does not show parts C18, IC3 and L3 , my question is to do with L3...
Does anyone know its value?, as it appears to be open circuit so I possibly need a replacement.. There is 8v reaching it..

Also what part does L3 play on the board?,

As for the rest of the board, 8V reaches C7 and C16 but does not reach the inverter.
The 5V line seems to be OK..

Any assitance would be appreciated !!..

Thanks in advance,

Nik,
M5DND

---

No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.344 / Virus Database: 267.10.18/90 - Release Date: 05/09/05

[Non-text portions of this message have been removed]

# 3567. increase NB ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-11 21:34:01 UTC
From: py3to
Topic: 3567  Message: 3567

Greetings to all
Would it be possible to increase NB of the ts-450 sat?
When I work NB1 or NB2 to the difference is little!

Thank you
Best 73

PY3TO - Rudi
Pelotas- South America
http://geocities.yahoo.com.br/py3to/

# 3568. Re: [TS-850_450_690] increase NB ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-12 11:50:38 UTC
From: Bill K0ZL
Topic: 3567  Message: 3568

have not seen a mod for the 450 NB yet.

bill

--- py3to <py3to@...> wrote:

> Greetings to all
> Would it be possible to increase NB of the ts-450
> sat?
> When I work NB1 or NB2 to the difference is little!
>
>
> Thank you
> Best 73
>
> PY3TO - Rudi
> Pelotas- South America
> http://geocities.yahoo.com.br/py3to/
>
>
>

When in doubt, MODIFY...

# 3569. Items for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-12 16:33:58 UTC
From: n7ioh
Topic: 3569  Message: 3569

I just sold my TS-690S and need to sell some of my other related gear.

I have for sale the Kenwood factory service manual for the TS-450S/690S. I bought it new from Pacific Coast Parts in August 2000. It is just like new as I have never needed it. It was kept in a folder in my desk just in case. It also contains the Service Bulletins, Publication Updates, and the Parts Bulletins as of then. I am asking $30 plus shipping.

I also have for sale the MB-430 mobile mounting bracket for the Kenwood TS-140, TS-430, TS-440, TS-450, TS-690, TS-570, TS-711, TS-811 and maybe other Kenwood radios in this class. The bracket has all the mounting hardware and is almost like new. I bought it from a ham who said it was new and never used but I can barely see where it had been mounted at one time. I have never used it and it does look almost like new. I am asking $30 plus shipping from Payson, AZ 85541.

Thanks, Al, N7IOH

# 3570. Help replacing notch/sql nb board

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-14 20:52:23 UTC
From: Steve Foster
Topic: 3570  Message: 3570

I have an friends 850 (haven't found one for me yet!!!) that has a bad nb pot. I have another board with the pot(s) on it. What I need is info on how to adjust vr3 vr4 and vr5 that are on the new board when I install it. All help appreciated.
Thanks
Steve WB5OMP

# 3571. Thanks to Max Donoghue

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-14 23:37:21 UTC
From: Steve Foster
Topic: 3571  Message: 3571

Thanks to Max for the allignment infor for the nb/notch pcb.
Now I need the slope tune pot. Anyone have one they want to part with?
I have a notch/nb board with a bad nb pot if someone needs it.
Steve

# 3572. M.CH/VFO CH control

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-15 02:49:43 UTC
From: rwgreen45
Topic: 3572  Message: 3572

I recently purchased a second TS-850 in the 50 million sequence. It will not go into the memerory channel mode, but will toggle between VFO A and B. While in either VFO A or B the M.CH/VFO Ch control cganges memory channels and does not increment the VFO. The memory channel number is displayed all the time. I have checked the power on function selection under item 4-10-15 on page 35 of the manual but I see no option which would help. Suggestions please. Tnx Bob Green k0idc

# 3573. Re: [TS-850_450_690] M.CH/VFO CH control

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-15 03:46:17 UTC
From: Bill K0ZL
Topic: 3572  Message: 3573

Try master reset, A=B and power up.

If that fixes it you may have a low memory battery.

bill

--- rwgreen45 <rwgreen45@...> wrote:

> I recently purchased a second TS-850 in the 50
> million sequence. It
> will not go into the memerory channel mode, but will
> toggle between
> VFO A and B. While in either VFO A or B the
> M.CH/VFO Ch control
> cganges memory channels and does not increment the
> VFO. The memory
> channel number is displayed all the time. I have
> checked the power on
> function selection under item 4-10-15 on page 35 of
> the manual but I
> see no option which would help. Suggestions please.
> Tnx Bob Green k0idc
>
>
>
>
>

When in doubt, MODIFY...

# 3574. New Rig, need input

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-15 04:54:44 UTC
From: n7ioh
Topic: 3574  Message: 3574

Well I just sold my trusty TS-690S and bought a TS-850SAT and the DSP-100. While I haven't received them yet I thought I would ask a few general questions. First I am not into CW or digital operation at this time so my questions are directed at AM, SSB, and FM operation only. I am not into contesting just general rag chew for the most part. The previous owner of the TS850 says the radio has been gone through by AVVid and has had the DDS chips all upgraded so hopefully no problems. He also said that the stock filters have been *replaced* with the INRAD 2.8kHz in both IF's for a little wider but steeper filtering. Now to my questions.

Having never used a DSP-100 can someone give me some settings (pointers) that seem to work well for the different modes and maybe the different bands if applicable. I have the following mics, Heil GM5, D-104 amplified, Shure 526T, and I think a stock Kenwood hand mic. Any thoughts on these mics or do I need to just try them all? I have another set of INRAD filters that I removed before selling my TS690, I have the 2.1kHz for both IF's. Would using these make much difference based on the the fact that this radio has the IF slope tuning? I don't know if the radio has had the noise blanker mod or the transmit opened up but I believe these are easy to do myself. I am interested in operating on 60 meters so do need to do the mod. I am also looking at using the rig on 6 meters via a transverter. I am looking at the VX50 by Elecraft, any thoughts? I have already bought the TIB from Down East Microwave so the connections should not be a problem. Anything else that is different from the TS450/690 radios that might help me to adjust to this new rig?

Thanks, Al, N7IOH

# 3575. Re: New Rig, need input

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-15 23:31:28 UTC
From: max_ve3tmt
Topic: 3574  Message: 3575

Al,

I'll throw in my two cents as far as the mics go. Stick with the Heil. It will give you the best overall sound. The D104 will overdrive the 850. I use a Realistic #330-3018 500 ohm dynamic mic with nothing but the high boost and processor and get nice audio reports all the time. Thats one nice thing about the 850, it's hard to make it sound bad. I've used studio mics, external EQ's the whole thing. If not done right, RF will get into the audio. Better to stick with just one good mic and enjoy the radio.

Max

# 3578. Re: New Rig, need input

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-16 01:35:02 UTC
From: max_ve3tmt
Topic: 3574  Message: 3578

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...>
wrote:
> Al,
>
> I'll throw in my two cents as far as the mics go. Stick with the Heil.
> It will give you the best overall sound. The D104 will overdrive the
> 850. I use a Realistic #330-3018 500 ohm dynamic mic with nothing but
> the high boost and processor and get nice audio reports all the time.
> Thats one nice thing about the 850, it's hard to make it sound bad.
> I've used studio mics, external EQ's the whole thing. If not done
> right, RF will get into the audio. Better to stick eith just one good
> mic and enjoy the radio.
>
> Max

Don't get me wrong. I didn't say the Heil mics were the best choice.
In fact the mic I'm using now cost $49 CDN. And it sounds quite nice.

Max

# 3579. Re: [TS-850_450_690] Re: New Rig, need input

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-16 02:59:53 UTC
From: Eric
Topic: 3574  Message: 3579

I know you listed the microphones you have, which did not include the
mc-60 but, just for an fyi, I always had excellent audio reports using
the '60 with the 850. I have also used an amplified 104 with the
850--makes for a great sound when doing AM--just turn down mic gain.

No outboard audio processing used here, nor the high boost/compression
on transceiver.

kr9w,
Eric

max_ve3tmt wrote:

>--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...>
>wrote:
>
>
>>Al,
>>
>>I'll throw in my two cents as far as the mics go. Stick with the Heil.
>>It will give you the best overall sound. The D104 will overdrive the
>>850. I use a Realistic #330-3018 500 ohm dynamic mic with nothing but
>>the high boost and processor and get nice audio reports all the time.
>>Thats one nice thing about the 850, it's hard to make it sound bad.
>>I've used studio mics, external EQ's the whole thing. If not done
>>right, RF will get into the audio. Better to stick eith just one good
>>mic and enjoy the radio.
>>
>>Max
>>
>>
>
>Don't get me wrong. I didn't say the Heil mics were the best choice.
>In fact the mic I'm using now cost $49 CDN. And it sounds quite nice.
>
>Max
>
>
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>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3580. Re: [TS-850_450_690] New Rig, need input

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-16 03:16:49 UTC
From: n7ioh
Topic: 3574  Message: 3580

I got a copy of the DSP-100 manual today and it looks pretty
simple. I only hope nobody had done any fooling around with the rig.
Thanks for the replies regarding the mics. I am still looking for
feedback concerning transverters and the use of the INRAD 2.1kHz filters
in addition to the INRAD 2.8kHZ filters.

Thanks, Al, n7ioh

n7ioh wrote:

> Well I just sold my trusty TS-690S and bought a TS-850SAT and the
>DSP-100. While I haven't received them yet I thought I would ask a few
>general questions. First I am not into CW or digital operation at this
>time so my questions are directed at AM, SSB, and FM operation only. I
>am not into contesting just general rag chew for the most part. The
>previous owner of the TS850 says the radio has been gone through by
>AVVid and has had the DDS chips all upgraded so hopefully no problems.
>He also said that the stock filters have been *replaced* with the INRAD
>2.8kHz in both IF's for a little wider but steeper filtering. Now to my
>questions.
>
> Having never used a DSP-100 can someone give me some settings
>(pointers) that seem to work well for the different modes and maybe the
>different bands if applicable. I have the following mics, Heil GM5,
>D-104 amplified, Shure 526T, and I think a stock Kenwood hand mic. Any
>thoughts on these mics or do I need to just try them all? I have
>another set of INRAD filters that I removed before selling my TS690, I
>have the 2.1kHz for both IF's. Would using these make much difference
>based on the the fact that this radio has the IF slope tuning? I don't
>know if the radio has had the noise blanker mod or the transmit opened
>up but I believe these are easy to do myself. I am interested in
>operating on 60 meters so do need to do the mod. I am also looking at
>using the rig on 6 meters via a transverter. I am looking at the VX50
>by Elecraft, any thoughts? I have already bought the TIB from Down East
>Microwave so the connections should not be a problem. Anything else
>that is different from the TS450/690 radios that might help me to adjust
>to this new rig?
>
> Thanks, Al, N7IOH
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3581. AT-850 Antenna Tuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-16 19:17:47 UTC
From: Dave
Topic: 3581  Message: 3581

Is this tuner a balanced or an unbalanced tuner? I was asked this question yesterday and I didn't know the answer.

Thanks.

# 3582. Re: [TS-850_450_690] AT-850 Antenna Tuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-16 19:39:38 UTC
From: n7ioh
Topic: 3581  Message: 3582

Hi Dave, the AT-850 is the internal tuner for the TS-850S. It is an unbalanced tuner that covers 160-10 meters that is controlled by a microprocessor. It was available ether installed from the factory or available separately.

Al, n7ioh

Dave wrote:

>Is this tuner a balanced or an unbalanced tuner? I was asked this
>question yesterday and I didn't know the answer.
>
>Thanks.
>
>
>
>
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>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3583. TS-450SAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-16 20:02:48 UTC
From: Tom Osborne
Topic: 3583  Message: 3583

HI All

This is my first post to the list and hope someone can help me out.

I have a TS-450SAT and I'm having a problem with the first character being cut off on cw. W7WHY comes out as M7WHY. I have looked in the manual and don't see any information on changing the time the transmitter comes on when sending CW. I use the VOX for CW. It sounds almost like the ALC is cutting it off or something.

It does the same thing when using the N1MM contest program keying with the computer. The sidetone works fine, but the actual transmission starts a few ms after the transmitter goes into the transmit mode. The CW sounds a little choppy too, not like it should sound. Thanks for any info and 73
Tom W7WHY

# 3584. Re: [TS-850_450_690] AT-850 Antenna Tuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-16 21:07:32 UTC
From: Bill K0ZL
Topic: 3581  Message: 3584

It's unbalanced, coax in, coax out, internal to rig

b

--- Dave <bathd@...> wrote:

> Is this tuner a balanced or an unbalanced tuner? I
> was asked this
> question yesterday and I didn't know the answer.
>
> Thanks.
>
>
>
>

When in doubt, MODIFY...

# 3585. Re: [TS-850_450_690] TS-450SAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-16 21:22:55 UTC
From: Bill K0ZL
Topic: 3583  Message: 3585

Tom, I will look at the t/r sequencing for you,
probably just a wrong value capacitor somewhere.

give me a day or three.

bill

--- Tom Osborne <w7why@...> wrote:

> HI All
>
> This is my first post to the list and hope someone
> can help me out.
>
> I have a TS-450SAT and I'm having a problem with the
> first character being
> cut off on cw. W7WHY comes out as M7WHY. I have
> looked in the manual and
> don't see any information on changing the time the
> transmitter comes on when
> sending CW. I use the VOX for CW. It sounds almost
> like the ALC is cutting
> it off or something.
>
> It does the same thing when using the N1MM contest
> program keying with the
> computer. The sidetone works fine, but the actual
> transmission starts a few
> ms after the transmitter goes into the transmit
> mode. The CW sounds a
> little choppy too, not like it should sound. Thanks
> for any info and 73
> Tom W7WHY
>
>

When in doubt, MODIFY...

# 3586. Re: AT-850 Antenna Tuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-16 22:17:07 UTC
From: Dave
Topic: 3581  Message: 3586

Thanks Al!
Dave

--- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
> Hi Dave, the AT-850 is the internal tuner for the TS-850S. It
is an
> unbalanced tuner that covers 160-10 meters that is controlled by a
> microprocessor. It was available ether installed from the factory
or
> available separately.
>
> Al, n7ioh
>
>
> Dave wrote:
>
> >Is this tuner a balanced or an unbalanced tuner? I was asked this
> >question yesterday and I didn't know the answer.
> >
> >Thanks.
> >
> >
> >
> >
> >
> >
> >THANKS FOR USING TS-850_450_690@Y...
> >Yahoo! Groups Links
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >
> >

# 3587. Re: AT-850 Antenna Tuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-16 22:18:17 UTC
From: Dave
Topic: 3581  Message: 3587

Thanks Bill!
Dave

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> It's unbalanced, coax in, coax out, internal to rig
>
> b
>
> --- Dave <bathd@n...> wrote:
>
> > Is this tuner a balanced or an unbalanced tuner? I
> > was asked this
> > question yesterday and I didn't know the answer.
> >
> > Thanks.
> >
> >
> >
> >
>
>
>
> When in doubt, MODIFY...

# 3588. Re: TS-450SAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-17 03:11:20 UTC
From: Tom Osborne
Topic: 3583  Message: 3588

Well, I got it figured out. Wish I could say it was my expertise and knowledge, but it was something stupid I had done. I was listening on my Yaesu with the noise blanker on. No wonder it didn't sound right. Oh well, I guess we all screw up once. 73
Tom W7WHY

> Tom, I will look at the t/r sequencing for you,
> probably just a wrong value capacitor somewhere.
>
> give me a day or three.
>
> bill
>
> --- Tom Osborne <w7why@v...> wrote:
>
> > HI All
> >
> > This is my first post to the list and hope someone
> > can help me out.
> >
> > I have a TS-450SAT and I'm having a problem with the
> > first character being
> > cut off on cw. W7WHY comes out as M7WHY. I have
> > looked in the manual and
> > don't see any information on changing the time the
> > transmitter comes on when
> > sending CW. I use the VOX for CW. It sounds almost
> > like the ALC is cutting
> > it off or something.
> >
> > It does the same thing when using the N1MM contest
> > program keying with the
> > computer. The sidetone works fine, but the actual
> > transmission starts a few
> > ms after the transmitter goes into the transmit
> > mode. The CW sounds a
> > little choppy too, not like it should sound. Thanks
> > for any info and 73
> > Tom W7WHY
> >
> >
>
>
>
> When in doubt, MODIFY...

# 3589. Re: [TS-850_450_690] Re: TS-450SAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-17 12:42:49 UTC
From: Bill K0ZL
Topic: 3583  Message: 3589

Once? hehe

bill

--- Tom Osborne <w7why@...> wrote:

>
> Well, I got it figured out. Wish I could say it was
> my expertise and
> knowledge, but it was something stupid I had done.
> I was listening
> on my Yaesu with the noise blanker on. No wonder it
> didn't sound
> right. Oh well, I guess we all screw up once. 73
> Tom W7WHY
>

When in doubt, MODIFY...

# 3590. TS-850 AT available...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-18 09:38:20 UTC
From: k2bk_1
Topic: 3590  Message: 3590

I came across an automatic Tuner unit for the TS-850 on eBay, in case
any of you are looking for one.

http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=5810340460&ssPageName=ADME:B:SS:US:1

It is NOT mine, and I have nothing to do with it, and I don't know if
it's a "good price" - I just wanted to mention it in case someone here
can't live without one.

Paul - K2BK

# 3591. Re: [TS-850_450_690] TS-850 AT available...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-18 15:04:54 UTC
From: Bill K0ZL
Topic: 3590  Message: 3591

Wow, "buy it now" of only $149... someone got a great
deal!

Bill

--- k2bk_1 <condor@...> wrote:

> I came across an automatic Tuner unit for the TS-850
> on eBay, in case
> any of you are looking for one.
>
>
http://cgi.ebay.com/ws/eBayISAPI.dll?ViewItem&item=5810340460&ssPageName=ADME:B:SS:US:1
>
> It is NOT mine, and I have nothing to do with it,
> and I don't know if
> it's a "good price" - I just wanted to mention it in
> case someone here
> can't live without one.
>
> Paul - K2BK
>
>
>
>
>

When in doubt, MODIFY...

# 3592. TS-450S Accessory Plug (right-angle connector?)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-20 02:23:54 UTC
From: ve9xyz
Topic: 3592  Message: 3592

I'm now getting ready to build a PC interface for my TS-450 and realize that the 6-pin DIN socket is on the right-hand side of my rig. Anybody had luck locating a nice right-angle plug for this thing so the interface cable doesn't stick out of the cabinet?

I've looked up the original part at the Kenwood / East coast site and the part (E07-0654-05 IF-232C 6PIN DIN PLUG) doesn't mention whether or not it's an angles connector or not.

Thanks,

Kevin VE9-XYZ

# 3593. Re: TS-450S Accessory Plug (right-angle connector?)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-20 04:16:05 UTC
From: max_ve3tmt
Topic: 3592  Message: 3593

--- In TS-850_450_690@yahoogroups.com, "ve9xyz" <myfamilydotcom@h...>
wrote:
> I'm now getting ready to build a PC interface for my TS-450 and
> realize that the 6-pin DIN socket is on the right-hand side of my
> rig. Anybody had luck locating a nice right-angle plug for this
thing
> so the interface cable doesn't stick out of the cabinet?
>
> I've looked up the original part at the Kenwood / East coast site
and
> the part (E07-0654-05 IF-232C 6PIN DIN PLUG) doesn't mention
whether
> or not it's an angles connector or not.
>
> Thanks,
>
> Kevin VE9-XYZ

It is not an angle connector Kevin. I don't recall ever seeing one. I took some slack earlier for putting the interface INSIDE my 850 and replacing the external tuner connector with a DB9. Straight serial cable from the PC to the radio. Best mod I ever did.

Max

# 3598. Kenwood DRU-2 Digital Record/Playback Unit for TS-850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-25 09:42:10 UTC
From: k2bk_1
Topic: 3598  Message: 3598

Good morning gang.

I have a Kenwood DRU-2 Digital Record/Playback Unit for TS-850S that I don't need and want to sell.

The last one I saw go on eBay went for $110...

If anyone wants this DRU-2, drop me a line directly at:

<condor@...>

... and we can work it out.

Paul - K2BK

# 3599. How Do I Interpret This Data?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-26 03:51:58 UTC
From: n5kzw
Topic: 3599  Message: 3599

Recently, one of the ham newsgroups had a discussion about looking at WWV with PSK to check USB/LSB offsets. I tried that with a TS-450S, but couldn't get any detailed data, so I ran the sound card through Spectran (check Google). The application made it pretty easy to check the reception in USB and LSB for 1000 hz, 500 Hz, and 600 Hz. (I did not check at 440Hz.) It showed serious power in frequencies other than the main tone in LSB. The LSB audio was significantly distorted compared to the USB audio.

In a nutshell, both USB and LSB were within a few HZ of each other when the rig was cold, and they converged to the same frequency when the rig had warmed up for several hours. Both USB and LSB showed to be off between 35 to 55 Hz (depending on the temperature of the rig). Spectran reported spurious signals received at the second and third harmonic of the main tone. I did not try swapping out rigs to see if this was caused by the radio or the SW/HW.

As an example, when receiving the 500Hz tone from WWV, USB showed the main tone at 535.5Hz (-38.4dB), with spurious tones at 462.8Hz (-65.7dB) and 1036.1Hz (-56.1dB). When switching to LSB, the tone at 462.8Hz jumped from -65.7dB to -47dB, the main tone at 535.5Hz dropped from -38.4dB to -45.5dB), a new tone popped up at 963.4Hz (-62.6dB), and the tone at 1036.1Hz dropped from -56.1dB to -62.2dB. (I am presenting the figures as reported by Spectran, they may indicate an accuracy that is beyond that which can be delivered by the software and hardware. The frequency resolution was set at 2.7Hz.)

So, what sort of figures should I be seeing from a TS-450S with this SW/HW setup? I am definitely hearing distortion on LSB, so where should I start looking to fix it?

Thanks,
Ed - N5KZW

# 3600. Re: [TS-850_450_690] How Do I Interpret This Data?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-26 12:39:31 UTC
From: Bill K0ZL
Topic: 3599  Message: 3600

The distortion on the DDS carrier generated rigs are
usually caused by a bad DDS unit, which in turn is
usually caused by bad solder joints on the resistor
pack used in the d/a converter in that unit.

Usually if LSB is affected, I would expect USB to be
affected as well, but "it all depends"...

bill

--- n5kzw <n5kzw@...> wrote:

> Recently, one of the ham newsgroups had a discussion
> about looking at
> WWV with PSK to check USB/LSB offsets. I tried that
> with a TS-450S,
> but couldn't get any detailed data, so I ran the
> sound card through
> Spectran (check Google). The application made it
> pretty easy to
> check the reception in USB and LSB for 1000 hz, 500
> Hz, and 600 Hz.
> (I did not check at 440Hz.) It showed serious power
> in frequencies
> other than the main tone in LSB. The LSB audio was
> significantly
> distorted compared to the USB audio.
>
> In a nutshell, both USB and LSB were within a few HZ
> of each other
> when the rig was cold, and they converged to the
> same frequency when
> the rig had warmed up for several hours. Both USB
> and LSB showed to
> be off between 35 to 55 Hz (depending on the
> temperature of the
> rig). Spectran reported spurious signals received
> at the second and
> third harmonic of the main tone. I did not try
> swapping out rigs to
> see if this was caused by the radio or the SW/HW.
>
> As an example, when receiving the 500Hz tone from
> WWV, USB showed the
> main tone at 535.5Hz (-38.4dB), with spurious tones
> at 462.8Hz (-

> 65.7dB) and 1036.1Hz (-56.1dB). When switching to
> LSB, the tone at
> 462.8Hz jumped from -65.7dB to -47dB, the main tone
> at 535.5Hz
> dropped from -38.4dB to -45.5dB), a new tone popped
> up at 963.4Hz (-
> 62.6dB), and the tone at 1036.1Hz dropped from
> -56.1dB to -62.2dB.
> (I am presenting the figures as reported by
> Spectran, they may
> indicate an accuracy that is beyond that which can
> be delivered by
> the software and hardware. The frequency resolution
> was set at
> 2.7Hz.)
>
> So, what sort of figures should I be seeing from a
> TS-450S with this
> SW/HW setup? I am definitely hearing distortion on
> LSB, so where
> should I start looking to fix it?
>
> Thanks,
> Ed - N5KZW
>
>
>
>

When in doubt, MODIFY...

# 3601. Re: [TS-850_450_690] e-mail change

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-26 12:56:10 UTC
From: Bill K0ZL
Topic: 3601  Message: 3601

ok Paul, I sent you an invitation, using this email.

paul13720001@...

Bill

--- paul13720001 <paul13720001@...> wrote:

> Hi,
> Dear Moderator, Can you please send me a
> subscription to enter
> again in the group with a new e-mail. I thank you
> very much and I'm
> waiting your reply,
> 73's de'
> 9H1SP
> Paul
>
>
>

When in doubt, MODIFY...

# 3602. Re: [TS-850_450_690] e-mail changed

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-26 12:57:03 UTC
From: Bill K0ZL
Topic: 3602  Message: 3602

OK Paul, I got the right one this time.

thanks

b

--- paul1372001 <paul1372001@...> wrote:

> Hi Moderator,
> Sorry I forget to put you my new e-mail.
> It's
> 9h1sp@...
> Thanks and best 73's
> de'
> 9H1SP
> Paul
>
>
>
>

When in doubt, MODIFY...

# 3603. Re: [TS-850_450_690] from 9H1SP

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-26 13:13:50 UTC
From: Bill K0ZL
Topic: 3603  Message: 3603

You are most welcome.

73,

Bill K0ZL

--- Paul Spiteri <9h1sp@...> wrote:

> Dear Moderator,
> Thanks for your kindly help
> 73's de
> 9H1SP
> Paul Spiteri
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3604. Re: How Do I Interpret This Data?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-26 20:19:21 UTC
From: n5kzw
Topic: 3599  Message: 3604

Thanks for the advice, Bill. I'll take a look at it as soon as I
finish checking out the relays in the ATU on the other TS-450.

If I can get my mind around what I'm seeing on the Spectran display,
I might try coming up with an article for QST.

Regards,
Ed

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> The distortion on the DDS carrier generated rigs are
> usually caused by a bad DDS unit, which in turn is
> usually caused by bad solder joints on the resistor
> pack used in the d/a converter in that unit.
>
> Usually if LSB is affected, I would expect USB to be
> affected as well, but "it all depends"...
>
> bill
>
> --- n5kzw <n5kzw@a...> wrote:
>
> > Recently, one of the ham newsgroups had a discussion
> > about looking at
> > WWV with PSK to check USB/LSB offsets. I tried that
> > with a TS-450S,
> > but couldn't get any detailed data, so I ran the
> > sound card through
> > Spectran (check Google). The application made it
> > pretty easy to
> > check the reception in USB and LSB for 1000 hz, 500
> > Hz, and 600 Hz.
> > (I did not check at 440Hz.) It showed serious power
> > in frequencies
> > other than the main tone in LSB. The LSB audio was
> > significantly
> > distorted compared to the USB audio.
> >
> > In a nutshell, both USB and LSB were within a few HZ
> > of each other
> > when the rig was cold, and they converged to the
> > same frequency when
> > the rig had warmed up for several hours. Both USB
> > and LSB showed to
> > be off between 35 to 55 Hz (depending on the

> > temperature of the
> > rig). Spectran reported spurious signals received
> > at the second and
> > third harmonic of the main tone. I did not try
> > swapping out rigs to
> > see if this was caused by the radio or the SW/HW.
> >
> > As an example, when receiving the 500Hz tone from
> > WWV, USB showed the
> > main tone at 535.5Hz (-38.4dB), with spurious tones
> > at 462.8Hz (-
> > 65.7dB) and 1036.1Hz (-56.1dB). When switching to
> > LSB, the tone at
> > 462.8Hz jumped from -65.7dB to -47dB, the main tone
> > at 535.5Hz
> > dropped from -38.4dB to -45.5dB), a new tone popped
> > up at 963.4Hz (-
> > 62.6dB), and the tone at 1036.1Hz dropped from
> > -56.1dB to -62.2dB.
> > (I am presenting the figures as reported by
> > Spectran, they may
> > indicate an accuracy that is beyond that which can
> > be delivered by
> > the software and hardware. The frequency resolution
> > was set at
> > 2.7Hz.)
> >
> > So, what sort of figures should I be seeing from a
> > TS-450S with this
> > SW/HW setup? I am definitely hearing distortion on
> > LSB, so where
> > should I start looking to fix it?
> >
> > Thanks,
> > Ed - N5KZW
> >
> >
> >
> >
>
>
>
> When in doubt, MODIFY...

# 3605. Re: Kenwood DRU-2 Digital Record/Playback Unit for TS-850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-27 02:19:05 UTC
From: k2bk_1
Topic: 3598  Message: 3605

It has been sold and is no longer available - thanks.

Paul - K2BK

> I have a Kenwood DRU-2 Digital Record/Playback Unit for TS-850S that I
> don't need and want to sell.
>
> The last one I saw go on eBay went for $110...
>
> If anyone wants this DRU-2, drop me a line directly at:
>
> <condor@m...>
>
> ... and we can work it out.
>
> Paul - K2BK

# 3606. Please explain AIP

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-27 02:39:51 UTC
From: max_ve3tmt
Topic: 3606  Message: 3606

I know what it means, but if I understand correctly when the AIP is off, the rx preamp is on?? Is is normal practice to run the AIP on, ie preamp off?

Max

# 3607. Re: [TS-850_450_690] Please explain AIP

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-27 03:34:36 UTC
From: Bill K0ZL
Topic: 3606  Message: 3607

Yep.

AIP is "advanced intercept point"... you can only
improve the intercept point by turning the preamp OFF.
Thus "on" really means "off" and "off" means "on". And
everything I say is untrue. Except that. Which means
nothing is true... no, wait a minute...uh...

oh never mind.

bill

--- max_ve3tmt <max_ve3tmt@...> wrote:

> I know what it means, but if I understand correctly
> when the AIP is
> off, the rx preamp is on?? Is is normal practice to
> run the AIP on,
> ie preamp off?
>
> Max
>
>
>

When in doubt, MODIFY...

# 3608. Re: [TS-850_450_690] Advanced Intercept Point (AIP)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-27 03:48:01 UTC
From: John Minger
Topic: 3606  Message: 3608

On my Kenwood TM-733A and TM-D700A, it claims to reduce the
problems of intermod in high RF environments, such as big cities.
They apply it only to the VHF side of the radio for some reason.

John, AC6VV

At 8:34 PM -0700 9/26/05, Bill K0ZL wrote:
>Yep.
>
>AIP is "advanced intercept point"... you can only
>improve the intercept point by turning the preamp OFF.
>Thus "on" really means "off" and "off" means "on". And
>everything I say is untrue. Except that. Which means
>nothing is true... no, wait a minute...uh...
>
>oh never mind.
>
>bill

# 3609. Re: Please explain AIP

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-27 09:52:56 UTC
From: Richard Ferch
Topic: 3606  Message: 3609

The normal practice depends on the frequency and on the radio, but to summarize: turn the preamp off (AIP on) all the time on lower HF frequencies, and on higher frequencies turn AIP on any time the band is crowded and there are lots of signals around, in order to reduce IMD.

On the TS-850, on 40, 80 and 160 (actually, 9.5 MHz is where the 850 switches automatically), AIP is normally on, because atmospheric noise levels are sufficiently high at low frequencies that adding a preamp does you no good. It amplifies the noise as well as the signals, so it does not help the signal-to-noise ratio. On higher frequencies, when the bands are quiet a preamp may help sometimes. For example, if the band is very quiet and the noise is dominated by internally-created noise in the receiver, as is often the case on 10m, a preamp can improve sensitivity.

However, on all frequencies using a preamp degrades dynamic range, so on any band if there are nearby strong signals (such as often happens during a contest), switching the preamp off (AIP on) can improve the receiver's performance. In some cases, even the AIP is not enough, and you can improve receiver performance even more by using the attenuator. For example, when chasing DX on 80 meters, I sometimes find it easier to hear weak signals by using the attenuator.

I don't have a lot of experience using a 450 myself, but according to the ARRL reviews of these radios, on the 450 and 690 you may need to use the AIP on all bands at any time the band is wide open. This is because the dynamic range of the receiver in these radios is not as good as in the 850, and turning AIP on may be necessary to remove spurious IMD products (phantom signals). So the best practice might be to leave AIP on all the time, except for those occasions where the band is quiet, you need a little more sensitivity and there aren't a bunch of other signals around to create IMD.

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...>
wrote:
> I know what it means, but if I understand correctly when the AIP is
> off, the rx preamp is on?? Is is normal practice to run the AIP on,
> ie preamp off?
>
> Max

# 3610. Re: [TS-850_450_690] Re: Please explain AIP

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-27 14:03:49 UTC
From: Bill K0ZL
Topic: 3606  Message: 3610

Good advice; this should be the AIP FAQ for the group,
hi!

You end up with a "direct feed mixer" radio when AIP
is ON, as in the earlier TenTecs.

By the way, the 850 has two types of preamp: A circuit
using two junction FETS in parallel (for more overload
resistance) for 20M and lower in frequency, and a dual
gate FET (for more gain) at 17M and above. Switching
is automatic as you go up in frequency.

bill

--- Richard Ferch <ve3iay@...> wrote:

> The normal practice depends on the frequency and on
> the radio, but to
> summarize: turn the preamp off (AIP on) all the time
> on lower HF
> frequencies, and on higher frequencies turn AIP on
> any time the band
> is crowded and there are lots of signals around, in
> order to reduce
> IMD.
>
> On the TS-850, on 40, 80 and 160 (actually, 9.5 MHz
> is where the 850
> switches automatically), AIP is normally on, because
> atmospheric noise
> levels are sufficiently high at low frequencies that
> adding a preamp
> does you no good. It amplifies the noise as well as
> the signals, so it
> does not help the signal-to-noise ratio. On higher
> frequencies, when
> the bands are quiet a preamp may help sometimes. For
> example, if the
> band is very quiet and the noise is dominated by
> internally-created
> noise in the receiver, as is often the case on 10m,
> a preamp can
> improve sensitivity.
>
> However, on all frequencies using a preamp degrades
> dynamic range, so

> on any band if there are nearby strong signals (such
> as often happens
> during a contest), switching the preamp off (AIP on)
> can improve the
> receiver's performance. In some cases, even the AIP
> is not enough, and
> you can improve receiver performance even more by
> using the
> attenuator. For example, when chasing DX on 80
> meters, I sometimes
> find it easier to hear weak signals by using the
> attenuator.
>
> I don't have a lot of experience using a 450 myself,
> but according to
> the ARRL reviews of these radios, on the 450 and 690
> you may need to
> use the AIP on all bands at any time the band is
> wide open. This is
> because the dynamic range of the receiver in these
> radios is not as
> good as in the 850, and turning AIP on may be
> necessary to remove
> spurious IMD products (phantom signals). So the best
> practice might be
> to leave AIP on all the time, except for those
> occasions where the
> band is quiet, you need a little more sensitivity
> and there aren't a
> bunch of other signals around to create IMD.
>
> 73,
> Rich VE3IAY
>
> --- In TS-850_450_690@yahoogroups.com, "max_ve3tmt"
> <max_ve3tmt@y...>
> wrote:
> > I know what it means, but if I understand
> correctly when the AIP is
> > off, the rx preamp is on?? Is is normal practice
> to run the AIP on,
> > ie preamp off?
> >
> > Max
>
>
>
>

When in doubt, MODIFY...

# 3611. Missing Service Bulletins

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-27 18:22:24 UTC
From: n5kzw
Topic: 3611  Message: 3611

I just browsed all of the service bulletins on the Kenwood web site, downloading those for my Kenwood rigs. In the index, they list two bulletins (ASB0994 and ASB1036) for the TS-450S that do no appear in the download list. Does anyone have an idea as to what might have happened to these? They don't appear to have beeb superceded.

I am also looking for ASB0882 (TS-430S) and ASB0010 (TR-7400A).

Thanks,
Ed - N5KZW

# 3612. Re: [TS-850_450_690] Missing Service Bulletins

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-27 19:00:59 UTC
From: n7ioh
Topic: 3611  Message: 3612

Hi Ed, I just happen to have the factory service manual for sale and it came with the two service bulletins you are looking for. The ASB-994 subject, TS-450/TS-690 Distorted TX Audio with TNC. The ASB-1036 subject, TS-450S parts change. I have no clue as to what happened to them as far as Kenwood is concerned. As I have not sold the manual yet if you or anyone else would like a copy of these two bulletins I would be happy to copy them and send them off. I don't have a scanner so I have to do it the old fashion way.

Al, n7ioh

n5kzw wrote:

>I just browsed all of the service bulletins on the Kenwood web site,
>downloading those for my Kenwood rigs. In the index, they list two
>bulletins (ASB0994 and ASB1036) for the TS-450S that do no appear in
>the download list. Does anyone have an idea as to what might have
>happened to these? They don't appear to have beeb superceded.
>
>I am also looking for ASB0882 (TS-430S) and ASB0010 (TR-7400A).
>
>Thanks,
>Ed - N5KZW
>
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3613. Re: [TS-850_450_690] Missing Service Bulletins

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-27 19:19:42 UTC
From: n7ioh
Topic: 3611  Message: 3613

I guess I should have looked at the bulletin ASB-1036 a little closer. The parts change is related to the Driver Transistor being no longer available and it gives the replacement transistor number and the other parts needed to make the new transistor work. Also there is a schematic showing the placement of the new parts in the circuit. I would think this would be important to keep in the Kenwood reference directory.

Al, n7ioh

n7ioh wrote:

> Hi Ed, I just happen to have the factory service manual for sale and
>it came with the two service bulletins you are looking for. The ASB-994
>subject, TS-450/TS-690 Distorted TX Audio with TNC. The ASB-1036
>subject, TS-450S parts change. I have no clue as to what happened to
>them as far as Kenwood is concerned. As I have not sold the manual yet
>if you or anyone else would like a copy of these two bulletins I would
>be happy to copy them and send them off. I don't have a scanner so I
>have to do it the old fashion way.
>
> Al, n7ioh
>
>
>n5kzw wrote:
>
>
>
>>I just browsed all of the service bulletins on the Kenwood web site,
>>downloading those for my Kenwood rigs. In the index, they list two
>>bulletins (ASB0994 and ASB1036) for the TS-450S that do no appear in
>>the download list. Does anyone have an idea as to what might have
>>happened to these? They don't appear to have beeb superceded.
>>
>>I am also looking for ASB0882 (TS-430S) and ASB0010 (TR-7400A).
>>
>>Thanks,
>>Ed - N5KZW
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>>THANKS FOR USING TS-850_450_690@...
>>Yahoo! Groups Links
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3614. Re: Missing Service Bulletins

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-27 20:26:43 UTC
From: n5kzw
Topic: 3611  Message: 3614

Al, I would very much like to get a copy of those service bulletins.
If you would drop me a line via arrl.net, I'll give you the QTH info.

Thanks,
Ed - N5KZW

--- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
> I guess I should have looked at the bulletin ASB-1036 a little
> closer. The parts change is related to the Driver Transistor being
no
> longer available and it gives the replacement transistor number and
the
> other parts needed to make the new transistor work. Also there is
a
> schematic showing the placement of the new parts in the circuit. I
> would think this would be important to keep in the Kenwood
reference
> directory.
>
> Al, n7ioh
>
>
> n7ioh wrote:
>
> > Hi Ed, I just happen to have the factory service manual for
sale and
> >it came with the two service bulletins you are looking for. The
ASB-994
> >subject, TS-450/TS-690 Distorted TX Audio with TNC. The ASB-1036
> >subject, TS-450S parts change. I have no clue as to what happened
to
> >them as far as Kenwood is concerned. As I have not sold the
manual yet
> >if you or anyone else would like a copy of these two bulletins I
would
> >be happy to copy them and send them off. I don't have a scanner
so I
> >have to do it the old fashion way.
> >
> > Al, n7ioh
> >
> >
> >n5kzw wrote:
> >
> >

> >
> >>I just browsed all of the service bulletins on the Kenwood web
site,
> >>downloading those for my Kenwood rigs. In the index, they list
two
> >>bulletins (ASB0994 and ASB1036) for the TS-450S that do no appear
in
> >>the download list. Does anyone have an idea as to what might
have
> >>happened to these? They don't appear to have beeb superceded.
> >>
> >>I am also looking for ASB0882 (TS-430S) and ASB0010 (TR-7400A).
> >>
> >>Thanks,
> >>Ed - N5KZW
> >>
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> >>
> >>
> >>THANKS FOR USING TS-850_450_690@Y...
> >>Yahoo! Groups Links
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> >THANKS FOR USING TS-850_450_690@Y...
> >Yahoo! Groups Links
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# 3615. Re: [TS-850_450_690] Digest Number 867

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-27 21:19:44 UTC
From: Darin, NT4XT
Topic: 3615  Message: 3615

And this is why I remain subscribed to this group,
everyonce in a while a gem like this comes along...
But my 850 remains in it's double box.
Some day I'll send it to you Bill,
but I just enrolled in Night School, so
perhaps- when that's done and I have a steady
stream of clients, I'll massage my 850 back to
QRV status once again. Thank goodness
Massage Therapy is only a 14 month course.

<< Message: 3
Date: Mon, 26 Sep 2005 20:34:36 -0700 (PDT)
From: Bill K0ZL <coorsbill@...>
Subject: Re: Please explain AIP

Yep.

AIP is "advanced intercept point"... you can only
improve the intercept point by turning the preamp OFF.
Thus "on" really means "off" and "off" means "on". And
everything I say is untrue. Except that. Which means
nothing is true... no, wait a minute...uh...

oh never mind.

bill >>

[Non-text portions of this message have been removed]

# 3616. Re: [TS-850_450_690] Digest Number 867

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-27 21:22:33 UTC
From: Bill K0ZL
Topic: 3615  Message: 3616

Refresh me, what's the matter with it?

b

--- "Darin, NT4XT" <gacuzana@...> wrote:

> And this is why I remain subscribed to this group,
> everyonce in a while a gem like this comes along...
> But my 850 remains in it's double box.
> Some day I'll send it to you Bill,
> but I just enrolled in Night School, so
> perhaps- when that's done and I have a steady
> stream of clients, I'll massage my 850 back to
> QRV status once again. Thank goodness
> Massage Therapy is only a 14 month course.
>
> << Message: 3
> Date: Mon, 26 Sep 2005 20:34:36 -0700 (PDT)
> From: Bill K0ZL <coorsbill@...>
> Subject: Re: Please explain AIP
>
> Yep.
>
> AIP is "advanced intercept point"... you can only
> improve the intercept point by turning the preamp
> OFF.
> Thus "on" really means "off" and "off" means "on".
> And
> everything I say is untrue. Except that. Which means
> nothing is true... no, wait a minute...uh...
>
> oh never mind.
>
> bill >>
>
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3617. Processor, Good AM - SSB Audio on my TS-450S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-28 11:12:00 UTC
From: ve9xyz
Topic: 3617  Message: 3617

I'd be interested in hearing from some more experienced operators of how, exactly, they adjust the TS-450 for best audio. In particular,

AM Operation:
- do most of us use the Processor function full-time (seems to boost overall level on mine, nothing more)
- If I monitor my transmission on any decent-quality portable radio in the shack it seems distorted to me unles the RF output adjustment is set very low - this could be receiver overload, overactove Proc , or just poor AM design - ?
- An old-time user once advised me to set the AM mode up by adjusting CAR during dead carrier at 10-15 W and then adjusting Mic gain for in-range ALC deflection. By contrast, the manual speaks about setting up S9 (on S-Meter scale)fpor dead carrier, and modulating to +20 mark.

SSB seems a little easier:
- Max RF output, Proc on, and healthy adjustment of Mic for good ALC deflection, right?
- It doesn't seem to matter that I modulate beyond the ALC range - I'm still getting good sig reports

Anyways, you guys with a lot of past experiences might share some practical experience on this subject.

Thanks,

Kevin VE9-XYZ

# 3618. Re: [TS-850_450_690] Processor, Good AM - SSB Audio on my TS-450S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-28 12:30:53 UTC
From: Bill K0ZL
Topic: 3617  Message: 3618

SEt the rig for 25-30 watts, then adjust the mic gain
until your ALC is JUST kicking a little on SOME voice
peaks.

Better yet, set your "PEAK HOLD" feature ON, and then
"talk up" your mic until you are just barely lighting
the 100 watt mark (or whatever your rig PEP max output
is, as measured on FM or CW mode).

The 450 makes great audio on AM, as do all the current
and recent JA radios. They sound as good as or better
in most cases than "boat anchor" AM.

If you want more power, get a small linear (AL-811 or
811H, or any of the 2-572B amps, or a single
3-500Z)... run the amp on the LOW Or CW or TUNE
setting to lower the plate voltage and dissipation;
tune for max output, then set your transceiver as
above. Then you will be as loud as my Johnson Valiant,
and sound a lot better.

Don't try using a local receiver for monitoring unless
you have it heavily attenuated or better yet, antenna
shorted to ground, hi!

A scope is best for monitoring the output of an AM
rig.

Bill

--- ve9xyz <myfamilydotcom@...> wrote:

> I'd be interested in hearing from some more
> experienced operators of
> how, exactly, they adjust the TS-450 for best audio.
> In particular,
>
>
> AM Operation:
> - do most of us use the Processor function
> full-time (seems to
> boost overall level on mine, nothing more)
> - If I monitor my transmission on any
> decent-quality portable radio
> in the shack it seems distorted to me unles the RF
> output adjustment
> is set very low - this could be receiver overload,

> overactove Proc ,
> or just poor AM design - ?
> - An old-time user once advised me to set the AM
> mode up by
> adjusting CAR during dead carrier at 10-15 W and
> then adjusting Mic
> gain for in-range ALC deflection. By contrast, the
> manual speaks
> about setting up S9 (on S-Meter scale)fpor dead
> carrier, and
> modulating to +20 mark.
>
> SSB seems a little easier:
> - Max RF output, Proc on, and healthy adjustment of
> Mic for good
> ALC deflection, right?
> - It doesn't seem to matter that I modulate beyond
> the ALC range -
> I'm still getting good sig reports
>
> Anyways, you guys with a lot of past experiences
> might share some
> practical experience on this subject.
>
> Thanks,
>
> Kevin VE9-XYZ
>
>
>

When in doubt, MODIFY...

# 3619. Never Again!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-28 17:22:37 UTC
From: Dennis Steele
Topic: 3619  Message: 3619

I bought a brand new TS850SAT around 1997 or so and used it for a couple of years. I live in an apartment with a small backyard, so I stuck a Hygain 14AVQ into the flower-bed (by a 7' brick wall), and proceeded to work cw stations all over the world. Being a old Navy op, CW is my preferred mode of transmission, so a less than optimal antenna works out ok..

Then, I sold the rig about 4 years later. I had taken perfect care of the rig, so whoever bought (I don't remember who they are now), got a great rig.

Well, you know how it is. You get off the air for a while, get busy with other things, retire from you job and then start thinking about ham radio again! At least that's how it happened to me. So, I went off to eBay for a look at Kenwood rigs. I'd check the listings every now and then, but the TS850 was always in the back of my mind. I had owned one, it was solid state and worked pretty well.

Finally about 2 weeks ago, I checked eBay and there was a TS850SAT for $525 with 19 minutes to go on the auction. I entered a bid and put $600 as my "top end" offer. I wound up paying $585 for the rig "delivered". It turns out to be a jewel as well. Has the 500 cw filter intalled and the hand mic (although I don't use SSB at all). Cosmetically the rig is a 9. Functionally, a 10.

So I've learned my lesson. When will I sell this rig?? Never again!!

Dennis K6KRV

# 3620. Re: [TS-850_450_690] Never Again!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-28 17:40:28 UTC
From: Bill K0ZL
Topic: 3619  Message: 3620

Good, Dennis, glad you got "your baby" back.

I paid $1850 for mine, new, with both 500 hz Kenwood
filters. You got a great deal! hi..

73,

Bill K0ZL

--- Dennis Steele <densteele@...> wrote:

> I bought a brand new TS850SAT around 1997 or so and
> used it for a
> couple of years. I live in an apartment with a small
> backyard, so I
> stuck a Hygain 14AVQ into the flower-bed (by a 7'
> brick wall), and
> proceeded to work cw stations all over the world.
> Being a old Navy op,
> CW is my preferred mode of transmission, so a less
> than optimal
> antenna works out ok..
>
> Then, I sold the rig about 4 years later. I had
> taken perfect care of
> the rig, so whoever bought (I don't remember who
> they are now), got a
> great rig.
>
> Well, you know how it is. You get off the air for a
> while, get busy
> with other things, retire from you job and then
> start thinking about
> ham radio again! At least that's how it happened to
> me. So, I went off
> to eBay for a look at Kenwood rigs. I'd check the
> listings every now
> and then, but the TS850 was always in the back of my
> mind. I had owned
> one, it was solid state and worked pretty well.
>
> Finally about 2 weeks ago, I checked eBay and there
> was a TS850SAT for
> $525 with 19 minutes to go on the auction. I entered
> a bid and put
> $600 as my "top end" offer. I wound up paying $585

> for the rig
> "delivered". It turns out to be a jewel as well. Has
> the 500 cw filter
> intalled and the hand mic (although I don't use SSB
> at all).
> Cosmetically the rig is a 9. Functionally, a 10.
>
> So I've learned my lesson. When will I sell this
> rig?? Never again!!
>
> Dennis K6KRV
>
>
>

When in doubt, MODIFY...

# 3621. Does Anyone Know?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-28 22:15:58 UTC
From: Dennis Steele
Topic: 3621  Message: 3621

If the MC50 mic works ok with the TS850?? I just bought the MC50 from a buy on eBay and it doesn't work. So I need to rewire something??

Dennis K6KRV

# 3622. Re: [TS-850_450_690] Does Anyone Know?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-28 22:22:07 UTC
From: Fred Van Veen
Topic: 3621  Message: 3622

Should work fine. Does the power light come on?
Fred W1NYL

On Sep 28, 2005, at 6:15 PM, Dennis Steele wrote:

> If the MC50 mic works ok with the TS850?? I just bought the MC50 from
> a buy on eBay and it doesn't work. So I need to rewire something??
>
> Dennis K6KRV
>
>
>
>
> ------------------------ Yahoo! Groups Sponsor --------------------
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> Get fast access to your favorite Yahoo! Groups. Make Yahoo! your
> home page
> http://us.click.yahoo.com/dpRU5A/wUILAA/yQLSAA/ELTolB/TM
> ---------------------------------------------------------------------
> ~->
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3623. Re: [TS-850_450_690] Never Again!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-28 17:56:52 UTC
From: Paul
Topic: 3619  Message: 3623

Very good move Dennis...

The bad thing about selling an 850 is they don't go for much...
... the good thing about buying a used TS-850 is they don't
go for much.

An 850 is the best $600 you can spend today - many of the newer
rigs are lame in performance compared to the 850.

I bought mine new and I paid the going full price, plus I filled it with
the TXCO, two 500cps CW filters, the 1.8 SSB filter, the DRU-2
record/play, and the PS-"whatever" speech module.

I have had it for about 13 years and it has never hiccuped once.
It has often been on 24/7 for months at a time, and the
TXCO has drifted 9 (NINE!!) cps in the past 13 years.

It is hooked up to a HAL 8650 RTTY machine, an
MC-90 mic, and a Vibroplex Original and just keeps on ticking :-)

Though I just got a new Icom 756 Pro-III, I will NEVER sell
the TS-850-SAT.

Paul - K2BK

Bill K0ZL wrote:

> Good, Dennis, glad you got "your baby" back.
>
> I paid $1850 for mine, new, with both 500 hz Kenwood
> filters. You got a great deal! hi..
>
> 73,
>
> Bill K0ZL
>
> --- Dennis Steele <densteele@...> wrote:
>
> > I bought a brand new TS850SAT around 1997 or so and
> > used it for a
> > couple of years. I live in an apartment with a small
> > backyard, so I
> > stuck a Hygain 14AVQ into the flower-bed (by a 7'
> > brick wall), and
> > proceeded to work cw stations all over the world.
> > Being a old Navy op,
> > CW is my preferred mode of transmission, so a less

> > than optimal
> > antenna works out ok..
> >
> > Then, I sold the rig about 4 years later. I had
> > taken perfect care of
> > the rig, so whoever bought (I don't remember who
> > they are now), got a
> > great rig.
> >
> > Well, you know how it is. You get off the air for a
> > while, get busy
> > with other things, retire from you job and then
> > start thinking about
> > ham radio again! At least that's how it happened to
> > me. So, I went off
> > to eBay for a look at Kenwood rigs. I'd check the
> > listings every now
> > and then, but the TS850 was always in the back of my
> > mind. I had owned
> > one, it was solid state and worked pretty well.
> >
> > Finally about 2 weeks ago, I checked eBay and there
> > was a TS850SAT for
> > $525 with 19 minutes to go on the auction. I entered
> > a bid and put
> > $600 as my "top end" offer. I wound up paying $585
> > for the rig
> > "delivered". It turns out to be a jewel as well. Has
> > the 500 cw filter
> > intalled and the hand mic (although I don't use SSB
> > at all).
> > Cosmetically the rig is a 9. Functionally, a 10.
> >
> > So I've learned my lesson. When will I sell this
> > rig?? Never again!!
> >
> > Dennis K6KRV
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> When in doubt, MODIFY...
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>
> THANKS FOR USING TS-850_450_690@...
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> ---------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
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> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ---------------------------------------------------------------------
>

# 3624. Re: [TS-850_450_690] Never Again!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-29 01:12:59 UTC
From: Anthony W. DePrato
Topic: 3619  Message: 3624

yes very good deal.
i have two ts 850sat's and two ts 950dx's and loaded them with filters and dr 2's also when i get them new. set me back a war pension. anyway. i was talking to a kenwood service rep last month and we were talking about a problem i had with my ts 570s and we got talking about the polling problem with the 950 and 850's with N1MM software. he told me i should open up both of my 850s and check the caps on a couple of the boards for a black fluid coming out of the bottom of them. said there were 16 caps on the board. i have the info at work. i plan of pulling both of mine out of service and checking. anyone else heard of this. ?

73 Tony

Anthony W. DePrato WA4JQS
EXTRA - HEAVY CLASS
Since 1962
South Sandwich Island Antarctic Dxpedition Group
VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS WA4JQS/4K1 WA4JQS/KC4 WA4JQS/ZS1
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 AMI

# 3625. Re: [TS-850_450_690] Does Anyone Know?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-29 02:22:04 UTC
From: Bill K0ZL
Topic: 3621  Message: 3625

Should work! I use my MC-60 with the 850, no problems.
What was the other guy using it on?

b

--- Dennis Steele <densteele@...> wrote:

> If the MC50 mic works ok with the TS850?? I just
> bought the MC50 from
> a buy on eBay and it doesn't work. So I need to
> rewire something??
>
> Dennis K6KRV
>
>
>

When in doubt, MODIFY...

# 3626. Re: [TS-850_450_690] Never Again!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-29 02:48:19 UTC
From: Bill K0ZL
Topic: 3619  Message: 3626

Have not seen this; any further info would be
appreciated.

bill

--- "Anthony W. DePrato" <wa4jqs@...> wrote:

> yes very good deal.
> i have two ts 850sat's and two ts 950dx's and loaded
> them with filters and
> dr 2's also when i get them new. set me back a war
> pension. anyway. i was
> talking to a kenwood service rep last month and we
> were talking about a
> problem i had with my ts 570s and we got talking
> about the polling problem
> with the 950 and 850's with N1MM software. he told
> me i should open up both
> of my 850s and check the caps on a couple of the
> boards for a black fluid
> coming out of the bottom of them. said there were 16
> caps on the board. i
> have the info at work. i plan of pulling both of
> mine out of service and
> checking. anyone else heard of this. ?
>
> 73 Tony
>
> Anthony W. DePrato WA4JQS
> EXTRA - HEAVY CLASS
> Since 1962
> South Sandwich Island Antarctic Dxpedition Group
> VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS WA4JQS/4K1
> WA4JQS/KC4 WA4JQS/ZS1
> CQ DX HALL OF FAME # 35
> A1-OP FISTS # 10573 AMI
>
>

When in doubt, MODIFY...

# 3627. Re: Never Again!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-29 11:22:42 UTC
From: max_ve3tmt
Topic: 3619  Message: 3627

--- In TS-850_450_690@yahoogroups.com, "Dennis Steele"
<densteele@g...> wrote:

> So I've learned my lesson. When will I sell this rig?? Never again!!

I had a 450 and 850 at the same time once. Never should have got rid
of the set. In fact I have bought and sold three TS850's and now have
my fourth in the shack. As you said Dennis, "never again!"

I think hams are starting to see the value in the 850. Very little
problems to speak of, and they are not too badly priced used. One of
the best receivers ever produced, and more features than you can shake
a stick at. I use a PC based audio DSP program which really helps
during the noisy conditions. I have uploaded it into the files area if
anyone wants to give it a try. DSP is about the only thing the 850 lacks.

Max

# 3628. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-29 11:23:17 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 3628

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /DSPFIL111E.zip
Uploaded by : max_ve3tmt <max_ve3tmt@...>
Description : Audio DSP program

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/DSPFIL111E.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

max_ve3tmt <max_ve3tmt@...>

# 3629. Re: [TS-850_450_690] Never Again!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-29 13:04:37 UTC
From: Paul Manuel
Topic: 3619  Message: 3629

--- Paul <condor@...> wrote:
> An 850 is the best $600 you can spend today - many of the newer
> rigs are lame in performance compared to the 850.
>

It is very interesting to compare the QST reviews of the 850 with the $10,000 IC-7800. The blocking dynamic range at 20kHz and minimum discernable signal are both much better on the 850. The combination of higher sensitivity and greater dynamic range says a lot for the rig!
73,
Paul K4PDM

_____
Yahoo! Mail - PC Magazine Editors' Choice 2005
http://mail.yahoo.com

# 3630. Re: [TS-850_450_690] Does Anyone Know?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-29 19:10:38 UTC
From: ve3wej
Topic: 3621  Message: 3630

The only thing I remember of hand was the mc50 was a 4 pin mike, as long as the wiring is put onto the correct 8 pins.....pin 7 and 8 must be tied together, pin 1 audio, pin 2 ptt......

----- Original Message -----
From: "Bill K0ZL" <coorsbill@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, September 28, 2005 10:22 PM
Subject: Re: [TS-850_450_690] Does Anyone Know?

> Should work! I use my MC-60 with the 850, no problems.
> What was the other guy using it on?
>
> b
>
>
> --- Dennis Steele <densteele@...> wrote:
>
> > If the MC50 mic works ok with the TS850?? I just
> > bought the MC50 from
> > a buy on eBay and it doesn't work. So I need to
> > rewire something??
> >
> > Dennis K6KRV
> >
> >
> >
>
>
>
> When in doubt, MODIFY...
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3631. MC-50

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-09-29 21:12:19 UTC
From: Gary Tuck
Topic: 3631  Message: 3631

There was, or is, a 4 pin to 8 pin mike adapter that allowed the MC-50 to used with the TS-850. At least that is my recollection. Seems like I used the MC-50 with my 850s for a while before buying a MC-80. Then hardly used either one. As QST said in 1991, the 850s was the best CW rig made to date--irrespective of cost.

Gary W7TEA

# 3632. Filter Mounting for 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-01 01:35:04 UTC
From: au20061
Topic: 3632  Message: 3632

I am adding two filters to my 850 and the mounting screws are missing.
Does anyone know what size screws to use?

Thanks

Tom K4KFN

# 3633. Re: [TS-850_450_690] Filter Mounting for 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-01 05:06:17 UTC
From: n7ioh
Topic: 3632  Message: 3633

Hi Tom, I just got my 850 yesterday and opened it up to get the screw info for you and all of mine are missing also. I did check a known screw I have from my Yaesu and I can tell you that the screw is a, M3 x ?mm x ⋆.⋆50 thread pitch but I don't have a sample screw to get the length from. I would guess about 5 or 6 milliimeters long as I measured from the top of the filter board to the top of the circuit board. You can take a screw from the case with you to Ace hardware to match up as it fits the filter mounting fitting and is about the right length. I hope this helps some.

Al, n7ioh

au20061 wrote:

>I am adding two filters to my 850 and the mounting screws are missing.
>Does anyone know what size screws to use?
>
>Thanks
>
>Tom K4KFN
>
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3634. Re: [TS-850_450_690] Filter Mounting for 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-01 11:48:47 UTC
From: Bill K0ZL
Topic: 3632  Message: 3634

3mm by about 6-8mm

b

--- au20061 <au2006@...> wrote:

> I am adding two filters to my 850 and the mounting
> screws are missing.
> Does anyone know what size screws to use?
>
> Thanks
>
> Tom K4KFN
>
>
>

When in doubt, MODIFY...

# 3635. Re: [TS-850_450_690] Filter Mounting for 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-01 11:49:45 UTC
From: Bill K0ZL
Topic: 3632  Message: 3635

Make that 2.5 mm sorry..

check any junque radios you have around the place, the
PC board mounting screws or the screws holding the PA
module, or other modules to cast alum. frame are
usually the right size.

b

--- au20061 <au2006@...> wrote:

> I am adding two filters to my 850 and the mounting
> screws are missing.
> Does anyone know what size screws to use?
>
> Thanks
>
> Tom K4KFN
>
>
>

When in doubt, MODIFY...

# 3636. Problem with TS-850S front panel display lights

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-01 17:09:59 UTC
From: Vinnie
Topic: 3636  Message: 3636

Hi. My friend has a TS-850S where the display lights keep going out. He does the reset procedure listed in the manual, and then they come back on. Other than that, the functions of the radio is normal, even when the lights are off.

Does anyone know what can cause or if there is any fix?

Thanks, Vinnie.

PS: I am posting for him because his computer crashed.

# 3637. Re: [TS-850_450_690] Problem with TS-850S front panel display lights

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-01 17:14:45 UTC
From: ve3wej
Topic: 3636  Message: 3637

sounds like a cold joint problem........

----- Original Message -----
From: "Vinnie" <enzo_1967@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Saturday, October 01, 2005 1:09 PM
Subject: [TS-850_450_690] Problem with TS-850S front panel display lights

> Hi. My friend has a TS-850S where the display lights keep going out. He
> does the reset procedure listed in the manual, and then they come back
> on. Other than that, the functions of the radio is normal, even when
> the lights are off.
>
> Does anyone know what can cause or if there is any fix?
>
>
> Thanks, Vinnie.
>
> PS: I am posting for him because his computer crashed.
>
>
>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3638. Symptoms of a dying battery....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-01 19:01:10 UTC
From: max_ve3tmt
Topic: 3638  Message: 3638

I've since changed it but over the last few days, here are my symptoms..

The S meter would quit, the slope tune wouldn't work, and no PC control to the rig. Occaisonally it would stick in transmit. I have but a new battery in and await the results. Just wondering if anyone else experienced these problems.

Max

# 3640. Re: Filter Mounting for 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-02 19:07:34 UTC
From: au20061
Topic: 3632  Message: 3640

Thanks to all who responded to my question. The filters are mounted
in the 850 and it works great.

Tom K4KFN

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> Make that 2.5 mm sorry..
>
> check any junque radios you have around the place, the
> PC board mounting screws or the screws holding the PA
> module, or other modules to cast alum. frame are
> usually the right size.
>
> b
>
> --- au20061 <au2006@b...> wrote:
>
> > I am adding two filters to my 850 and the mounting
> > screws are missing.
> > Does anyone know what size screws to use?
> >
> > Thanks
> >
> > Tom K4KFN
> >
> >
> >
>
>
>
> When in doubt, MODIFY...

# 3641. For Sale Kenwood 2.4 kHz filter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-03 00:35:58 UTC
From: n7ioh
Topic: 3641  Message: 3641

Hi all, I have for sale the Kenwood YK-88S-1, 2.4 kHz SSB filter for the 8.83 IF. The price is $90 shipped US and Canada.

Al, n7ioh

# 3642. TS-850S Display Brightness

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-05 16:03:09 UTC
From: Mark Saunders
Topic: 3642  Message: 3642

I've had my TS-850S/AT since 1995 and have always thought the display to be too dim, even on high. Is there a way to brighten the display? Operation in a brightly lighted area, the display is difficult to see.

# 3643. Re: [TS-850_450_690] TS-850S Display Brightness

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-05 21:43:55 UTC
From: Bill K0ZL
Topic: 3642  Message: 3643

I have same problem. But, if you brighten the tube too
much, you will have bleed-through of the un-lit
segments of the display.

8v is fed to the HV converter for the tube and about
330v p-p square wave comes out; don't know if boosting
the 8v would do the trick, or if we need to look for a
better tube. It's a CFL or cold fluorescent tube.

BTW the dimmer circuit works by shutting the 330v P-P
square wave off and on like a blinker but very fast;
so the effect is that the tube dims a bit.

bill

--- Mark Saunders <kj7bs@...> wrote:

> I've had my TS-850S/AT since 1995 and have always
> thought the display to be too dim, even on high. Is
> there a way to brighten the display? Operation in a
> brightly lighted area, the display is difficult to
> see.
>
>
>

When in doubt, MODIFY...

# 3644. Re: [TS-850_450_690] TS-850S Display Brightness

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-05 23:17:43 UTC
From: n7ioh
Topic: 3642  Message: 3644

Hi Mark, instead of trying to brighten the display, you might try letting more light pass through the lens. You might be able to replace the dark red lens with a different color lens, lighter red, or a thiner red lens thus allowing more of the light to pass. I have seen some light blue lens on the Drakes and they look great and some radios are using an amber color now. You could even get a different color for each day, naaa.

Al, n7ioh

Mark Saunders wrote:

>I've had my TS-850S/AT since 1995 and have always thought the display to be too dim, even on high. Is there a way to brighten the display? Operation in a brightly lighted area, the display is difficult to see.
>
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3645. 13 pin din connector

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-06 20:26:01 UTC
From: Steve Foster
Topic: 3645  Message: 3645

Where can one buy the 13 pin connectors at a half way reasonable price?

Thanks
Steve WB5OMP

# 3646. Re: 13 pin din connector

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-06 20:50:38 UTC
From: max_ve3tmt
Topic: 3645  Message: 3646

--- In TS-850_450_690@yahoogroups.com, "Steve Foster" <shfoster@u...>
wrote:
> Where can one buy the 13 pin connectors at a half way reasonable price?
>
> Thanks
> Steve WB5OMP

Steve,

Some guys sell them on eBay, or you can try

http://www.packetradio.com/AFconnectors.htm Part # 13DMP $1.99 ea.

Max

# 3647. Re: 13 pin din connector

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-07 03:10:05 UTC
From: nm9p
Topic: 3645  Message: 3647

Max is right. That is the place to get it, but don't waste your time soldering all those pins. Order part #13D for $6.95(US) that has all 13 pins soldered to a 6 foot cable.

73 de Ken - NM9P

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Steve Foster" <shfoster@u...>
> wrote:
> > Where can one buy the 13 pin connectors at a half way reasonable price?
> >
> > Thanks
> > Steve WB5OMP
>
> Steve,
>
> Some guys sell them on eBay, or you can try
>
> http://www.packetradio.com/AFconnectors.htm Part # 13DMP $1.99 ea.
>
> Max
>

# 3648. Re: 13 pin din connector

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-07 11:21:56 UTC
From: max_ve3tmt
Topic: 3645  Message: 3648

--- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@y...> wrote:
>
> Max is right. That is the place to get it, but don't waste your time
> soldering all those pins. Order part #13D for $6.95(US) that has all
> 13 pins soldered to a 6 foot cable.
>
> 73 de Ken - NM9P

I checked that part # out Ken, it doesn't look like he uses shielded cable on the audio lines. That would be my only concern. The connectors are cheap enough, I usually buy a few spares and snip off the pins not needed for the particular job in hand. Gives you a little more room for soldering. I usually hold the connector lightly in a pair of vise-grips on the bench while I solder the pins. The vise-grips are heavy enough so it won't slide around on you.

Msc

# 3649. Kenwood TS-450s/at superb condition

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-07 16:20:52 UTC
From: Ric
Topic: 3649  Message: 3649

One Kenwood TS-450s/at, in SUPURB CONDITION,Autotuner installed,filters,hand mic,power cable all in NEAR NEW CONDITION.(NOT NEW BUT VERY CLOSE HAS BEEN REMOVED FROM PLASTIC)this rig is in very very nice condition.Has both Original Kenwood Shipping Box,and secondary Kenwood box with all Original packing,No nics or scratches anywhere.Last of my Gear $575.00 FIRM shipped LOWER 48,Accepting USPS MONEY ORDERS,you will be pleased with this rig. 708-781-8402

# 3650. Re: 13 pin din connector

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-07 20:25:45 UTC
From: n5kzw
Topic: 3645  Message: 3650

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...>
wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "nm9p" <nm9p@y...> wrote:
> >
> > Max is right. That is the place to get it, but don't waste your
time
> > soldering all those pins. Order part #13D for $6.95(US) that has
all
> > 13 pins soldered to a 6 foot cable.
> >
> > 73 de Ken - NM9P
>
>
> I checked that part # out Ken, it doesn't look like he uses shielded
> cable on the audio lines. That would be my only concern. The
> connectors are cheap enough, I usually buy a few spares and snip off
> the pins not needed for the particular job in hand. Gives you a
little
> more room for soldering. I usually hold the connector lightly in a
> pair of vise-grips on the bench while I solder the pins. The
> vise-grips are heavy enough so it won't slide around on you.
>
> Msc
>

The best hint that I was given was to get a female RS-232 connector kit and connect your wires to the female contacts, then slide the contacts on the back of the DIN pins. Some small heat shrink tubing gives a little boost to the contact pressure. Make sure you get a good strain relief between the connector and the cable.

Regards,
Ed

# 3651. Re: 13 pin din connector

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-07 20:36:39 UTC
From: max_ve3tmt
Topic: 3645  Message: 3651

--- In TS-850_450_690@yahoogroups.com, "n5kzw" <n5kzw@a...> wrote:

> The best hint that I was given was to get a female RS-232 connector
> kit and connect your wires to the female contacts, then slide the
> contacts on the back of the DIN pins. Some small heat shrink tubing
> gives a little boost to the contact pressure. Make sure you get a
> good strain relief between the connector and the cable.
>
> Regards,
> Ed

Great idea Ed, I'll have to remember that for my next job.

Max

# 3652. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-09 00:32:30 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 3652

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /IF232 Design as Built Oct 2005 VE9XYZ.ppt
Uploaded by : ve9xyz <myfamilydotcom@...>
Description : Revised Kenwood IF-232 Project

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/IF232%20Design%20as%20Built%20Oct%202005%20VE9XYZ.ppt

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

ve9xyz <myfamilydotcom@...>

# 3653. FS TS-450S/AT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-13 19:01:12 UTC
From: Ric
Topic: 3653  Message: 3653

i WAS MADE AWRE TODAY THIS UNIT DOES NOT HAVE THE CW FILTER SO I AM REPRICING THE RIG $525.00 PLUS SHIPPING FIRM
One Kenwood TS-450s/at, in SUPURB CONDITION,Autotuner installed,filters,hand mic,power cable all in NEAR NEW CONDITION.(NOT NEW BUT VERY CLOSE HAS BEEN REMOVED FROM PLASTIC)this rig is in very very nice condition.Has both Original Kenwood Shipping Box,and secondary Kenwood box with all Original packing,No nics or scratches anywhere.Last of my Gear LOWER 48,Accepting USPS MONEY ORDERS,you will be pleased with this rig.
708-781-8402 BTW I have the manual, and the remote control manual as well.

# 3654. Re: [TS-850_450_690] FS TS-450S/AT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-13 22:50:37 UTC
From: Bob Snelgrove
Topic: 3653  Message: 3654

Any pictures?

thx

bob
----- Original Message -----
From: Ric
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, October 13, 2005 12:01 PM
Subject: [TS-850_450_690] FS TS-450S/AT

i WAS MADE AWRE TODAY THIS UNIT DOES NOT HAVE THE CW FILTER SO I AM REPRICING THE RIG $525.00 PLUS SHIPPING FIRM
One Kenwood TS-450s/at, in SUPURB CONDITION,Autotuner installed,filters,hand mic,power cable all in NEAR NEW CONDITION.(NOT NEW BUT VERY CLOSE HAS BEEN REMOVED FROM PLASTIC)this rig is in very very nice condition.Has both Original Kenwood Shipping Box,and secondary Kenwood box with all Original packing,No nics or scratches anywhere.Last of my Gear LOWER 48,Accepting USPS MONEY ORDERS,you will be pleased with this rig.
708-781-8402 BTW I have the manual, and the remote control manual as well.

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 3655. Re: [TS-850_450_690] FS TS-450S/AT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-13 23:04:47 UTC
From: Ric Wise
Topic: 3653  Message: 3655

none as of yet... i do not own a cam........, i will see wht i can do......

Bob Snelgrove <bob@...> wrote:Any pictures?

thx

bob
----- Original Message -----
From: Ric
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, October 13, 2005 12:01 PM
Subject: [TS-850_450_690] FS TS-450S/AT

i WAS MADE AWRE TODAY THIS UNIT DOES NOT HAVE THE CW FILTER SO I AM
REPRICING THE RIG $525.00 PLUS SHIPPING FIRM
One Kenwood TS-450s/at, in SUPURB CONDITION,Autotuner
installed,filters,hand mic,power cable all in NEAR NEW CONDITION.(NOT
NEW BUT VERY CLOSE HAS BEEN REMOVED FROM PLASTIC)this rig is in very
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secondary Kenwood box with all Original packing,No nics or scratches
anywhere.Last of my Gear LOWER 48,Accepting USPS MONEY ORDERS,you will
be pleased with this rig.
708-781-8402 BTW I have the manual, and the remote control manual as
well.

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

SPONSORED LINKS
Ham radio antenna Ham radio Ham radio sales Ham radio store

---
YAHOO! GROUPS LINKS

Visit your group "TS-850_450_690" on the web.

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

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Yahoo! Music Unlimited - Access over 1 million songs. Try it free.

[Non-text portions of this message have been removed]

# 3656. Re: [TS-850_450_690] FS TS-450S/AT

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-13 23:14:26 UTC
From: Ric Wise
Topic: 3653  Message: 3656

you can send all replies to that is my regular email it is listed www.qrz.com

Bob Snelgrove <bob@...> wrote:
Any pictures?

thx

bob
----- Original Message -----
From: Ric
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, October 13, 2005 12:01 PM
Subject: [TS-850_450_690] FS TS-450S/AT

i WAS MADE AWRE TODAY THIS UNIT DOES NOT HAVE THE CW FILTER SO I AM
REPRICING THE RIG $525.00 PLUS SHIPPING FIRM
One Kenwood TS-450s/at, in SUPURB CONDITION,Autotuner
installed,filters,hand mic,power cable all in NEAR NEW CONDITION.(NOT
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very nice condition.Has both Original Kenwood Shipping Box,and
secondary Kenwood box with all Original packing,No nics or scratches
anywhere.Last of my Gear LOWER 48,Accepting USPS MONEY ORDERS,you will
be pleased with this rig.
708-781-8402 BTW I have the manual, and the remote control manual as
well.

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

SPONSORED LINKS
Ham radio antenna Ham radio Ham radio sales Ham radio store

---
YAHOO! GROUPS LINKS

Visit your group "TS-850_450_690" on the web.

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

---
Yahoo! Music Unlimited - Access over 1 million songs. Try it free.

[Non-text portions of this message have been removed]

# 3657. Rigblaster Pro PC Control of TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-14 02:26:56 UTC
From: jim999us
Topic: 3657  Message: 3657

Has anyone had experience using the
Rigblaster Pro RS-232 to TTL Interface
feature of the Rigblaster Pro to enable control
of the TS-850 ??

Just received new Rigblaster Pro and ready to hook it up
but getting confused .... plan on using MixW software

Any comments or suggestions would be greatly appreciated.

Thanks

Jim
K7AYO
Vancouver, WA

# 3658. Re: Rigblaster Pro PC Control of TS-850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-14 10:37:51 UTC
From: max_ve3tmt
Topic: 3657  Message: 3658

Close here Jim,

I'm using the Rigbalster Plus with MixW on my 850. No problems here.
What info do you need? Applications may be similar.

Max

# 3659. Kenwood IF232c

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-14 13:22:28 UTC
From: Nik Read
Topic: 3659  Message: 3659

I have just got an IF232c interface and I'm just wondering if any one could tell me the polarity of the 13.8Vdc into it. It is not shown on the case or the paper work and not wishing to damage it I appeal for Help!!!!..

Thanks in advance..

Nik M5DND

---

No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.344 / Virus Database: 267.12.0/132 - Release Date: 13/10/05

[Non-text portions of this message have been removed]

# 3660. RE: [TS-850_450_690] Kenwood IF232c

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-14 15:09:31 UTC
From: KJ7BS
Topic: 3659  Message: 3660

Center is positive (+), outer is negative (-).

Mark Saunders, KJ7BS
Glendale, AZ
<><><><><><><><><>
FISTS # 2972
Elecraft K2 S/N 539
<><><><><><><><><>
If it aint fun,
You aint doing it right.
AZ ScQRPions

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Nik Read
Sent: Friday, October 14, 2005 6:22 AM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Kenwood IF232c

I have just got an IF232c interface and I'm just wondering if any one could
tell me the polarity of the 13.8Vdc into it. It is not shown on the case or
the paper work and not wishing to damage it I appeal for Help!!!!..

Thanks in advance..

Nik M5DND

---

No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.344 / Virus Database: 267.12.0/132 - Release Date: 13/10/05

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3661. RE: [TS-850_450_690] Kenwood IF232c

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-14 15:19:36 UTC
From: Nik Read
Topic: 3659  Message: 3661

Thanks Mark,

Would You belive that the Instruction Manual that comes with the IF232c
does not show this info but when I looked it up on the net and found the
Manual there it shows it!!!..

The line in question is on Page 3 and says: Supply Voltage 13.8VDC +- 15%

The web version says : Supply Voltage 13.8VDC +- 15% *( Centre Pin
Positive)

Typical!!!..

Many thanks anyway.. It now works brilliantly....

Cheer's
Nik M5DND

-------Original Message-------

From: KJ7BS
Date: 10/14/05 16:10:45
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Kenwood IF232c

Center is positive (+), outer is negative (-).

Mark Saunders, KJ7BS
Glendale, AZ
<><><><><><><><><>
FISTS # 2972
Elecraft K2 S/N 539
<><><><><><><><><>
If it aint fun,
You aint doing it right.
AZ ScQRPions

----------

No virus found in this outgoing message.
Checked by AVG Anti-Virus.
Version: 7.0.344 / Virus Database: 267.12.0/132 - Release Date: 13/10/05

[Non-text portions of this message have been removed]

# 3662. CAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-16 22:48:48 UTC
From: pa0mir
Topic: 3662  Message: 3662

Hi,

RIG: TS450
CAT: homebrew with 7404 and MAX232
tried different computers, all the same problem
In september before leaving for 9H all was fine
Had a working CAT interface, doing everything fine
Now back and putting station together again no frequency readout anymore.
After my holiday put everything together again but now the RIG does listen to the CAT but does not give any replies to the computer. Yet the path back is working, tested when putting a signal backward.
So give a command, rig listens e.g. QSY or change mode
But ask frequency rig does not give out information
Anybody has an idea as to this point? Checked every setting and connection, but found nothing amiss.

PA0MIR/9H3MIR
pa0mir@...

[Non-text portions of this message have been removed]

# 3663. TS-850S Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-17 22:41:30 UTC
From: Mike Thornton
Topic: 3663  Message: 3663

Hi everybody. This is Mike, WC0L. I'm new to the group, but have operated Kenwood gear for years. I currently have an 830 station, a 2000 and a 480. I am hoping to add an 850 to the shack one of these days. Does anyone have any thoughts on any 850 serial numbers that should be avoided? I have seen lots of stuff on the internet about certain ICs that were superseded by better ICs somewhere along the line, but have no idea as to the serial number at which any significant product improvements might have become effective. I would appreciate any thoughts you might have along these lines, as well as any other advice you might have on picking out a good 850.

Thanks very much and 73,
Mike, WC0L

---
Yahoo! Music Unlimited
Access over 1 million songs. Try it free.
http://music.yahoo.com/unlimited/

# 3664. Re: [TS-850_450_690] TS-850S Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-17 23:21:11 UTC
From: n7ioh
Topic: 3663  Message: 3664

Hi Mike, this question was asked a while back and if memory serves me right it was stated to just look for one in good cosmetic shape and to not worry about the serial numbers. You might want to sure it is from a non smoking environment. You could go back in the archives doing a search probably 6 months or less. I think Bill, K0ZL was the person that gave that advise based on his experience in working on them and owning one. Welcome to the group.

Al, n7ioh

Mike Thornton wrote:

>Hi everybody. This is Mike, WC0L. I'm new to the
>group, but have operated Kenwood gear for years. I
>currently have an 830 station, a 2000 and a 480. I am
>hoping to add an 850 to the shack one of these days.
>Does anyone have any thoughts on any 850 serial
>numbers that should be avoided? I have seen lots of
>stuff on the internet about certain ICs that were
>superseded by better ICs somewhere along the line, but
>have no idea as to the serial number at which any
>significant product improvements might have become
>effective. I would appreciate any thoughts you might
>have along these lines, as well as any other advice
>you might have on picking out a good 850.
>
>Thanks very much and 73,
>Mike, WC0L
>
>
>
>_____
>Yahoo! Music Unlimited
>Access over 1 million songs. Try it free.
>http://music.yahoo.com/unlimited/
>
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>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3665. Re: TS-850S Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-18 01:07:31 UTC
From: max_ve3tmt
Topic: 3663  Message: 3665

Hi Mike,

I had a 10 mil, a 20 mil, a 30 mil and a 50 mil series 850 and couldn't see any differences performance wise between any of them. Of course the older the rig, the chances are the battery may need replacing if it has not already been done. The only major gripe I have had with 2 of my 850's was the SSB monitor quitting. My current 850 suffers from this same problem and I'm not sure what causes it. As long as you get one in good cosmetic shape it should last you a long time.

Max

# 3666. Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-18 01:10:01 UTC
From: max_ve3tmt
Topic: 3666  Message: 3666

Just curious if anyone is interested in a weekly net for the members of the group. I'm open to suggestions as to time, frequency etc. I'm available almost any night except Mondays.

Anyone else?

Max

# 3667. RE: [TS-850_450_690] Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-18 01:43:58 UTC
From: KJ7BS
Topic: 3666  Message: 3667

A net for members of this group, neat idea.

Mark Saunders, KJ7BS
Glendale, AZ
<><><><><><><><><>
FISTS # 2972
Elecraft K2 S/N 539
<><><><><><><><><>
If it aint fun,
You aint doing it right.
AZ ScQRPions

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of max_ve3tmt
Sent: Monday, October 17, 2005 6:10 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Anyone interested in a group net?

Just curious if anyone is interested in a weekly net for the members
of the group. I'm open to suggestions as to time, frequency etc. I'm
available almost any night except Mondays.

Anyone else?

Max

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3668. Re: [TS-850_450_690] TS-850S Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-18 11:25:10 UTC
From: Bill K0ZL
Topic: 3663  Message: 3668

The serial numbers to avoid belong to the rigs that
have been in smoker's homes, floods, and other stuff
that is hard to recover a rig from, hi!

I have an "Original" that has been through three
lightning hits, 10 field days, numerous camping trips
and what not, and is still cooking.

Find a low-hour rig that looks good.

73,

Bill K0ZL

--- Mike Thornton <wc0l@...> wrote:

> Hi everybody. This is Mike, WC0L. I'm new to the
> group, but have operated Kenwood gear for years. I
> currently have an 830 station, a 2000 and a 480. I
> am
> hoping to add an 850 to the shack one of these days.
>
> Does anyone have any thoughts on any 850 serial
> numbers that should be avoided? I have seen lots of
> stuff on the internet about certain ICs that were
> superseded by better ICs somewhere along the line,
> but
> have no idea as to the serial number at which any
> significant product improvements might have become
> effective. I would appreciate any thoughts you
> might
> have along these lines, as well as any other advice
> you might have on picking out a good 850.
>
> Thanks very much and 73,
> Mike, WC0L
>
>
>
> _________________________________
> Yahoo! Music Unlimited
> Access over 1 million songs. Try it free.
> http://music.yahoo.com/unlimited/
>

When in doubt, MODIFY...

# 3669. Re: [TS-850_450_690] Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-18 17:47:53 UTC
From: Paul
Topic: 3666  Message: 3669

Sure...

I'll check in (if propagation allows).

Paul - K2BK

max_ve3tmt wrote:

> Just curious if anyone is interested in a weekly net for the members
> of the group. I'm open to suggestions as to time, frequency etc. I'm
> available almost any night except Mondays.
>
> Anyone else?
>
> Max
>
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>
> THANKS FOR USING TS-850_450_690@...
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> ------------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ------------------------------------------------------------------------
>

# 3670. Re: [TS-850_450_690] Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-18 19:47:52 UTC
From: KD5SFA
Topic: 3666  Message: 3670

Sounds good to me.
I may have to replace a chunk of coax first....I nicked it,
well it may be more than a nick, while doing yard work
the other day. Thank goodness for spare coax !!!

73,Jon
KD5SFA

-----Original Message-----
From: Paul <condor@...>
Sent: Oct 18, 2005 1:47 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Anyone interested in a group net?

Sure...

I'll check in (if propagation allows).

Paul - K2BK

max_ve3tmt wrote:

> Just curious if anyone is interested in a weekly net for the members
> of the group. I'm open to suggestions as to time, frequency etc. I'm
> available almost any night except Mondays.
>
> Anyone else?
>
> Max
>
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>
> THANKS FOR USING TS-850_450_690@...
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> ------------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>

> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ------------------------------------------------------------------------
>

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3671. New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-18 20:42:42 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 424  Message: 3671

Enter your vote today! A new poll has been created for the
TS-850_450_690 group:

If you are in favour of a weekly net for our group, what band would you prefer to hold the net on?

Current propogation and antenna availability will play factors in your decision.

o 75 meters
o 40 meters
o 20 meters
o 17 meters
o 15 meters

To vote, please visit the following web page:
http://groups.yahoo.com/group/TS-850_450_690/surveys?id=12163796

Note: Please do not reply to this message. Poll votes are
not collected via email. To vote, you must go to the Yahoo! Groups
web site listed above.

Thanks!

# 3672. Re: [TS-850_450_690] New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-18 20:48:25 UTC
From: Paul
Topic: 424  Message: 3672

I just voted for 20 meters, but there was no second choice, so my second choice would be 40 meters in some open spot in the night time jungle of international broadcasts.

It would probably give the best coverage, as 20 would have dead spots from twenty to several hundred miles because of the lack of near field propagation.

Paul - K2BK

TS-850_450_690@yahoogroups.com wrote:

> 
> Enter your vote today! A new poll has been created for the
> TS-850_450_690 group:
> 
> If you are in favour of a weekly net for our group, what band would
> you prefer to hold the net on?
> 
> Current propogation and antenna availability will play factors in your
> decision.
> 
> o 75 meters
> o 40 meters
> o 20 meters
> o 17 meters
> o 15 meters
> 
> 
> To vote, please visit the following web page:
> http://groups.yahoo.com/group/TS-850_450_690/surveys?id=12163796
> 
> Note: Please do not reply to this message. Poll votes are
> not collected via email. To vote, you must go to the Yahoo! Groups
> web site listed above.
> 
> Thanks!
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> THANKS FOR USING TS-850_450_690@...
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>
> SPONSORED LINKS
> Ham radio antenna
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+antenna&w1=Ham+radio+antenna&w2=Ham+radio
&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=IKueKpmXBkHn27U_Hvnh0g>
> Ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+
radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=bXokIJQ1t8owK72cN8w1qg>
> Ham radio sales
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio+antenna&w2=Ham+radio&w
3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=YBSykFO-4qT9Ui8DW2seAQ>
>
> Ham radio store
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+store&w1=Ham+radio+antenna&w2=Ham+radio&w
3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=m4oeX-8sH_eEqY01_uyWnw>
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> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
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>

# 3673. Re: [TS-850_450_690] New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-18 21:27:30 UTC
From: Eric
Topic: 424  Message: 3673

I agree on 40m, possibly 75m if it were evening.

Eric--KR9W

Paul wrote:

>I just voted for 20 meters, but there was no second choice, so my second
>choice would be 40 meters in some open spot in the night time jungle of
>international broadcasts.
>
>It would probably give the best coverage, as 20 would have dead spots
>from twenty to several hundred miles because of the lack of near field
>propagation.
>
>Paul - K2BK
>
>
>
>TS-850_450_690@yahoogroups.com wrote:
>
>
>
>>Enter your vote today! A new poll has been created for the
>>TS-850_450_690 group:
>>
>>If you are in favour of a weekly net for our group, what band would
>>you prefer to hold the net on?
>>
>>Current propogation and antenna availability will play factors in your
>>decision.
>>
>> o 75 meters
>> o 40 meters
>> o 20 meters
>> o 17 meters
>> o 15 meters
>>
>>
>>To vote, please visit the following web page:
>>http://groups.yahoo.com/group/TS-850_450_690/surveys?id=12163796
>>
>>Note: Please do not reply to this message. Poll votes are
>>not collected via email. To vote, you must go to the Yahoo! Groups
>>web site listed above.
>>
>>Thanks!

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>>THANKS FOR USING TS-850_450_690@...
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>>SPONSORED LINKS
>>Ham radio antenna
>><http://groups.yahoo.com/gads?t=ms&k=Ham+radio+antenna&w1=Ham+radio+antenna&w2=Ham+radio
&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=IKueKpmXBkHn27U_Hvnh0g>
>> Ham radio
>><http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+
radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=bXokIJQ1t8owK72cN8w1qg>
>> Ham radio sales
>><http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio+antenna&w2=Ham+radio&w
3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=YBSykFO-4qT9Ui8DW2seAQ>
>>
>>Ham radio store
>><http://groups.yahoo.com/gads?t=ms&k=Ham+radio+store&w1=Ham+radio+antenna&w2=Ham+radio&w
3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=m4oeX-8sH_eEqY01_uyWnw>
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>>---------------------------------------------------------------------
>>YAHOO! GROUPS LINKS
>>
>> * Visit your group "TS-850_450_690
>> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>>
>> * To unsubscribe from this group, send an email to:
>> TS-850_450_690-unsubscribe@yahoogroups.com
>> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>>
>> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
>> Service <http://docs.yahoo.com/info/terms/>.
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>Yahoo! Groups Links
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# 3674. Re: [TS-850_450_690] New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-18 21:29:00 UTC
From: Paul
Topic: 424  Message: 3674

75 is doable if we are all in the same part of the country.

I think 40 would give better coverage, and there ARE empty slots between
around 7.220 to 7.295.

Paul - K2BK

Eric wrote:

> I agree on 40m, possibly 75m if it were evening.
>
> Eric--KR9W
>
>
>
> Paul wrote:
>
> >I just voted for 20 meters, but there was no second choice, so my second
> >choice would be 40 meters in some open spot in the night time jungle of
> >international broadcasts.
> >
> >It would probably give the best coverage, as 20 would have dead spots
> >from twenty to several hundred miles because of the lack of near field
> >propagation.
> >
> >Paul - K2BK
> >
> >
> >
> >TS-850_450_690@yahoogroups.com wrote:
> >
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> >
> >>Enter your vote today! A new poll has been created for the
> >>TS-850_450_690 group:
> >>
> >>If you are in favour of a weekly net for our group, what band would
> >>you prefer to hold the net on?
> >>
> >>Current propogation and antenna availability will play factors in your
> >>decision.
> >>
> >> o 75 meters
> >> o 40 meters
> >> o 20 meters
> >> o 17 meters

> >> o 15 meters
> >>
> >>
> >>To vote, please visit the following web page:
> >>http://groups.yahoo.com/group/TS-850_450_690/surveys?id=12163796
> >>
> >>Note: Please do not reply to this message. Poll votes are
> >>not collected via email. To vote, you must go to the Yahoo! Groups
> >>web site listed above.
> >>
> >>Thanks!
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> >>THANKS FOR USING TS-850_450_690@...
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> >>
> >>SPONSORED LINKS
> >>Ham radio antenna
> >><http://groups.yahoo.com/gads?t=ms&k=Ham+radio+antenna&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=IKueKpmXBkHn27U_Hvnh0g
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+antenna&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=IKueKpmXBkHn27U_Hvnh0g>>
>
> >> Ham radio
> >><http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=bXokIJQ1t8owK72cN8w1qg
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=bXokIJQ1t8owK72cN8w1qg>>
>
> >> Ham radio sales
> >><http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=YBSykFO-4qT9Ui8DW2seAQ
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=YBSykFO-4qT9Ui8DW2seAQ>>
>
> >>
> >>Ham radio store
> >><http://groups.yahoo.com/gads?t=ms&k=Ham+radio+store&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=m4oeX-8sH_eEqY01_uyWnw
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+store&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=m4oeX-8sH_eEqY01_uyWnw>>
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> >>---------------------------------------------------------------------
> >>YAHOO! GROUPS LINKS
> >>
> >> * Visit your group "TS-850_450_690
> >> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
> >>
> >> * To unsubscribe from this group, send an email to:
> >> TS-850_450_690-unsubscribe@yahoogroups.com
> >>
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> >>
> >> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> >> Service <http://docs.yahoo.com/info/terms/>.
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> >THANKS FOR USING TS-850_450_690@...
> >Yahoo! Groups Links
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> THANKS FOR USING TS-850_450_690@...
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> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>

> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ------------------------------------------------------------------------
>

# 3675. Re: TS-850S Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-18 21:27:52 UTC
From: k9or@comcast.net
Topic: 3663  Message: 3675

Mike,

I concur with the other sage advice given here. The 850 is a great radio. I would refer you to this group's archives, and to the web pages of N6TR, K0BX, and TK5EP for everything you need to know about 850 glitches, repairs, mods etc.

The only serial # issue I'm aware of is for 2xxx. While not all 2xxx models suffered, there were some problems with the DDS board on the CAR unit. The newer chips are 66312, the older ones say 6631. I have never seen anything more definitive on progressive enhancements by model year/serial # - if anyone has such info, please share.

73 Randy K9OR

> Hi everybody. This is Mike, WC0L. I'm new to the
> group, but have operated Kenwood gear for years. I
> currently have an 830 station, a 2000 and a 480. I am
> hoping to add an 850 to the shack one of these days.
> Does anyone have any thoughts on any 850 serial
> numbers that should be avoided? I have seen lots of
> stuff on the internet about certain ICs that were
> superseded by better ICs somewhere along the line, but
> have no idea as to the serial number at which any
> significant product improvements might have become
> effective. I would appreciate any thoughts you might
> have along these lines, as well as any other advice
> you might have on picking out a good 850.

# 3676. Re: [TS-850_450_690] New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 01:20:15 UTC
From: Bill K0ZL
Topic: 424  Message: 3676

How about 60M? That would get us to puttin' up
antennas now wouldn't it?

bill K0ZL
5330.5 Tues PM 0120 zulu for about another hour

b

--- Eric <kr9w@...> wrote:

> I agree on 40m, possibly 75m if it were evening.
>
> Eric--KR9W
>
>
>
> Paul wrote:
>
> >I just voted for 20 meters, but there was no second
> choice, so my second
> >choice would be 40 meters in some open spot in the
> night time jungle of
> >international broadcasts.
> >
> >It would probably give the best coverage, as 20
> would have dead spots
> >from twenty to several hundred miles because of the
> lack of near field
> >propagation.
> >
> >Paul - K2BK
> >
> >
> >
> >TS-850_450_690@yahoogroups.com wrote:
> >
> >
> >
> >>Enter your vote today! A new poll has been
> created for the
> >>TS-850_450_690 group:
> >>
> >>If you are in favour of a weekly net for our
> group, what band would
> >>you prefer to hold the net on?
> >>

> >>Current propogation and antenna availability will
> play factors in your
> >>decision.
> >>
> >> o 75 meters
> >> o 40 meters
> >> o 20 meters
> >> o 17 meters
> >> o 15 meters
> >>
> >>
> >>To vote, please visit the following web page:
>
>>http://groups.yahoo.com/group/TS-850_450_690/surveys?id=12163796
> >>
> >>Note: Please do not reply to this message. Poll
> votes are
> >>not collected via email. To vote, you must go to
> the Yahoo! Groups
> >>web site listed above.
> >>
> >>Thanks!
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> >>THANKS FOR USING TS-850_450_690@...
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> >>SPONSORED LINKS
> >>Ham radio antenna
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>><http://groups.yahoo.com/gads?t=ms&k=Ham+radio+antenna&w1=Ham+radio+antenna&w2=Ham+radio
&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=IKueKpmXBkHn27U_Hvnh0g>
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> >> Ham radio
>
>><http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+
radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=bXokIJQ1t8owK72cN8w1qg>
>
> >> Ham radio sales
>
>><http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio+antenna&w2=Ham+radio&w
3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=YBSykFO-4qT9Ui8DW2seAQ>

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> >>
> >>Ham radio store
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>><http://groups.yahoo.com/gads?t=ms&k=Ham+radio+store&w1=Ham+radio+antenna&w2=Ham+radio&w
3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=m4oeX-8sH_eEqY01_uyWnw>
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> >> * Visit your group "TS-850_450_690
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> <http://groups.yahoo.com/group/TS-850_450_690>" on
> the web.
> >>
> >> * To unsubscribe from this group, send an
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<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
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When in doubt, MODIFY...

# 3677. Re: [TS-850_450_690] Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 01:18:31 UTC
From: Bill K0ZL
Topic: 3666  Message: 3677

"More than a nick".. He wrapped it clear around the
MTD mower blade and stalled the motor! hi hi!

bill

--- KD5SFA <divenut1@...> wrote:

> Sounds good to me.
> I may have to replace a chunk of coax first....I
> nicked it,
> well it may be more than a nick, while doing yard
> work
> the other day. Thank goodness for spare coax !!!
>
> 73,Jon
> KD5SFA
>
> -----Original Message-----
> From: Paul <condor@...>
> Sent: Oct 18, 2005 1:47 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Anyone interested in a
> group net?
>
> Sure...
>
> I'll check in (if propagation allows).
>
> Paul - K2BK
>
> max_ve3tmt wrote:
>
> > Just curious if anyone is interested in a weekly
> net for the members
> > of the group. I'm open to suggestions as to time,
> frequency etc. I'm
> > available almost any night except Mondays.
> >
> > Anyone else?
> >
> > Max
> >
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> > THANKS FOR USING TS-850_450_690@...
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>
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> > YAHOO! GROUPS LINKS
> >
> > * Visit your group "TS-850_450_690
> >
> <http://groups.yahoo.com/group/TS-850_450_690>" on
> the web.
> >
> > * To unsubscribe from this group, send an
> email to:
> > TS-850_450_690-unsubscribe@yahoogroups.com
> >
>
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
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> > * Your use of Yahoo! Groups is subject to the
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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When in doubt, MODIFY...

# 3678. Re: [TS-850_450_690] Re: TS-850S Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 01:21:04 UTC
From: Bill K0ZL
Topic: 3663  Message: 3678

I have the older chips, that makes mine more
collectible, huh, Randy?

bill

--- k9or@... wrote:

> Mike,
>
> I concur with the other sage advice given here. The
> 850 is a great radio. I would refer you to this
> group's archives, and to the web pages of N6TR,
> K0BX, and TK5EP for everything you need to know
> about 850 glitches, repairs, mods etc.
>
> The only serial # issue I'm aware of is for 2xxx.
> While not all 2xxx models suffered, there were some
> problems with the DDS board on the CAR unit. The
> newer chips are 66312, the older ones say 6631. I
> have never seen anything more definitive on
> progressive enhancements by model year/serial # - if
> anyone has such info, please share.
>
> 73 Randy K9OR
>
>
>
>
> > Hi everybody. This is Mike, WC0L. I'm new to the
> > group, but have operated Kenwood gear for years.
> I
> > currently have an 830 station, a 2000 and a 480.
> I am
> > hoping to add an 850 to the shack one of these
> days.
> > Does anyone have any thoughts on any 850 serial
> > numbers that should be avoided? I have seen lots
> of
> > stuff on the internet about certain ICs that were
> > superseded by better ICs somewhere along the line,
> but
> > have no idea as to the serial number at which any
> > significant product improvements might have become
> > effective. I would appreciate any thoughts you
> might
> > have along these lines, as well as any other

> advice
> > you might have on picking out a good 850.
>

When in doubt, MODIFY...

# 3679. Re: New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 01:29:42 UTC
From: max_ve3tmt
Topic: 424  Message: 3679

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
>
> How about 60M? That would get us to puttin' up
> antennas now wouldn't it?
>
> bill K0ZL
> 5330.5 Tues PM 0120 zulu for about another hour
>
> b

Us Canadians don't have access to 60m yet Bill :(

If anyone wants to try 40m now I'm available. 0130Z

# 3680. RE: [TS-850_450_690] Anyone interested in a group net?/ COAX

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 01:37:42 UTC
From: KJ7BS
Topic: 3666  Message: 3680

>"More than a nick".. He wrapped it clear around the
>MTD mower blade and stalled the motor! hi hi!

Kind of a hard way to make a coax choke.

That sounds like some good coax. Hardline by chance?

Mark Saunders, KJ7BS
Glendale, AZ
<><><><><><><><><>
FISTS # 2972
Elecraft K2 S/N 539
<><><><><><><><><>
If it aint fun,
You aint doing it right.
AZ ScQRPions

# 3681. Let's Try 40m Now For A Net Frequency

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 01:41:52 UTC
From: KJ7BS
Topic: 3681  Message: 3681

I'm listening on 7.280 @ 0241.

Mark Saunders, KJ7BS

Glendale, AZ

<><><><><><><><><><>

FISTS # 2972

Elecraft K2 S/N 539

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If it aint fun,

You aint doing it right.

AZ ScQRPions

[Non-text portions of this message have been removed]

# 3682. Re: Let's Try 40m Now For A Net Frequency

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 01:56:34 UTC
From: max_ve3tmt
Topic: 3681  Message: 3682

--- In TS-850_450_690@yahoogroups.com, "KJ7BS" <kj7bs@c...> wrote:
>
> I'm listening on 7.280 @ 0241.
>

I hear you in there Mark, man what a time to get an S9 noise level!!!

# 3683. RE: vote

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 06:59:57 UTC
From: g0wnq
Topic: 3683  Message: 3683

Good Morning from Liverpool,

We cant hear you on 40m and 60m is only available to UK licencee's
with an NoV. 20m sounds the best from here.

Good Luck,

Roy

G0WNQ

# 3684. Re: [TS-850_450_690] Re: TS-850S Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 13:01:49 UTC
From: Paul Manuel
Topic: 3663  Message: 3684

It would seem to me that the problems with the DDS chips being prone to failure in the early 850s should have sorted itself out by now.

In other words, if an early 850 should have a DDS chip failure now, how could it be termed premature? The rig is 15 years old! Seems to me any bad early ones should have been weeded out by now.

Just a thought!
73,
Paul K4PDM

_____
Yahoo! Mail - PC Magazine Editors' Choice 2005
http://mail.yahoo.com

# 3685. Re: [TS-850_450_690] Re: New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 13:06:40 UTC
From: Bill K0ZL
Topic: 424  Message: 3685

should be able to hit you on 20m late afternoon to
early evening.

b

--- max_ve3tmt <max_ve3tmt@...> wrote:

> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...> wrote:
> >
> > How about 60M? That would get us to puttin' up
> > antennas now wouldn't it?
> >
> > bill K0ZL
> > 5330.5 Tues PM 0120 zulu for about another hour
> >
> > b
>
> Us Canadians don't have access to 60m yet Bill :(
>
> If anyone wants to try 40m now I'm available. 0130Z
>
>
>
>

When in doubt, MODIFY...

# 3686. Re: [TS-850_450_690] Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 13:25:19 UTC
From: KD5SFA
Topic: 3666  Message: 3686

Not quite Bill...caught it with my weed eater using a brush blade.
The mower would have chewed it to pieces as it has two blades.
Takes a lot to stall that 17hp Briggs....
Still ticked me off...especially when I had 3 hours to go to get that
part of the yardwork done. I know it got the jacket and part of the
braid.

Jon

-----Original Message-----
From: Bill K0ZL <coorsbill@...>
Sent: Oct 18, 2005 8:18 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Anyone interested in a group net?

"More than a nick".. He wrapped it clear around the
MTD mower blade and stalled the motor! hi hi!

bill

--- KD5SFA <divenut1@...> wrote:

> Sounds good to me.
> I may have to replace a chunk of coax first....I
> nicked it,
> well it may be more than a nick, while doing yard
> work
> the other day. Thank goodness for spare coax !!!
>
> 73,Jon
> KD5SFA
>
> -----Original Message-----
> From: Paul <condor@...>
> Sent: Oct 18, 2005 1:47 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Anyone interested in a
> group net?
>
> Sure...
>
> I'll check in (if propagation allows).
>
> Paul - K2BK
>
> max_ve3tmt wrote:

>
> > Just curious if anyone is interested in a weekly
> net for the members
> > of the group. I'm open to suggestions as to time,
> frequency etc. I'm
> > available almost any night except Mondays.
> >
> > Anyone else?
> >
> > Max
> >
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> >
> > THANKS FOR USING TS-850_450_690@...
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> > YAHOO! GROUPS LINKS
> >
> > * Visit your group "TS-850_450_690
> >
> <http://groups.yahoo.com/group/TS-850_450_690>" on
> the web.
> >
> > * To unsubscribe from this group, send an
> email to:
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> >
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<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
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When in doubt, MODIFY...

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3687. Re: [TS-850_450_690] Re: TS-850S Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 13:31:06 UTC
From: Bill K0ZL
Topic: 3663  Message: 3687

DDS chips fail on a random basis. I have a 570 waiting
for two of them right now!

bill

--- Paul Manuel <k4pdm@...> wrote:

>
>
> It would seem to me that the problems with the DDS
> chips being prone to
> failure in the early 850s should have sorted itself
> out by now.
>
> In other words, if an early 850 should have a DDS
> chip failure now, how
> could it be termed premature? The rig is 15 years
> old! Seems to me any bad
> early ones should have been weeded out by now.
>
> Just a thought!
> 73,
> Paul K4PDM
>
>
>
>
> _____________________________________
> Yahoo! Mail - PC Magazine Editors' Choice 2005
> http://mail.yahoo.com
>

When in doubt, MODIFY...

# 3688. Re: [TS-850_450_690] Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 13:32:07 UTC
From: Bill K0ZL
Topic: 3666  Message: 3688

Just tape the heck out of it and call it good! hi...

I have a couple such "bandages" on my 20M loop
feedline. I use Scotch brand type 70 silicone tape,
then 33 on top of that. Never fails.

b

--- KD5SFA <divenut1@...> wrote:

> Not quite Bill...caught it with my weed eater using
> a brush blade.
> The mower would have chewed it to pieces as it has
> two blades.
> Takes a lot to stall that 17hp Briggs....
> Still ticked me off...especially when I had 3 hours
> to go to get that
> part of the yardwork done. I know it got the jacket
> and part of the
> braid.
>
> Jon
>
> -----Original Message-----
> From: Bill K0ZL <coorsbill@...>
> Sent: Oct 18, 2005 8:18 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Anyone interested in a
> group net?
>
> "More than a nick".. He wrapped it clear around the
> MTD mower blade and stalled the motor! hi hi!
>
> bill
>
> --- KD5SFA <divenut1@...> wrote:
>
> > Sounds good to me.
> > I may have to replace a chunk of coax first....I
> > nicked it,
> > well it may be more than a nick, while doing yard
> > work
> > the other day. Thank goodness for spare coax !!!
> >
> > 73,Jon
> > KD5SFA

> >
> > -----Original Message-----
> > From: Paul <condor@...>
> > Sent: Oct 18, 2005 1:47 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] Anyone interested in
> a
> > group net?
> >
> > Sure...
> >
> > I'll check in (if propagation allows).
> >
> > Paul - K2BK
> >
> > max_ve3tmt wrote:
> >
> > > Just curious if anyone is interested in a weekly
> > net for the members
> > > of the group. I'm open to suggestions as to
> time,
> > frequency etc. I'm
> > > available almost any night except Mondays.
> > >
> > > Anyone else?
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> > > Max
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> > > THANKS FOR USING TS-850_450_690@...
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> > > YAHOO! GROUPS LINKS
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> > <http://groups.yahoo.com/group/TS-850_450_690>" on
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When in doubt, MODIFY...

# 3689. RE: [TS-850_450_690] Anyone interested in a group net?/ COAX

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 15:03:41 UTC
From: KD5SFA
Topic: 3666  Message: 3689

I wish...rg-213.
Just barely caught it when I realized it was there...
Not down to the center conductor but deep enough.
Just glad it wasn't my LMR-600 !!

73,
Jon
KD5SFA

-----Original Message-----
From: KJ7BS <kj7bs@...>
Sent: Oct 18, 2005 8:37 PM
To: TS-850_450_690@yahoogroups.com
Subject: RE: [TS-850_450_690] Anyone interested in a group net?/ COAX

>"More than a nick".. He wrapped it clear around the
>MTD mower blade and stalled the motor! hi hi!

Kind of a hard way to make a coax choke.

That sounds like some good coax. Hardline by chance?

Mark Saunders, KJ7BS
Glendale, AZ
<><><><><><><><><>
FISTS # 2972
Elecraft K2 S/N 539
<><><><><><><><><>
If it aint fun,
You aint doing it right.
AZ ScQRPions

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3690. Re: [TS-850_450_690] Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 15:14:53 UTC
From: KD5SFA
Topic: 3666  Message: 3690

I was going to try that and see how the analyzer reacted
before hooking it up to anything else. If it looks bad I'll
just drag out an extra coil of RG-8 and replace that section.

I guess I'll need to take the time to dig that trench and lay some
4" PVC between the hose and tower to run coax in. I'm not sure
how I'll handle my 7/8" heliax when I get that.

73,
Jon
KD5SFA

-----Original Message-----
From: Bill K0ZL <coorsbill@...>
Sent: Oct 19, 2005 8:32 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Anyone interested in a group net?

Just tape the heck out of it and call it good! hi...

I have a couple such "bandages" on my 20M loop
feedline. I use Scotch brand type 70 silicone tape,
then 33 on top of that. Never fails.

b

--- KD5SFA <divenut1@...> wrote:

> Not quite Bill...caught it with my weed eater using
> a brush blade.
> The mower would have chewed it to pieces as it has
> two blades.
> Takes a lot to stall that 17hp Briggs....
> Still ticked me off...especially when I had 3 hours
> to go to get that
> part of the yardwork done. I know it got the jacket
> and part of the
> braid.
>
> Jon
>
> -----Original Message-----
> From: Bill K0ZL <coorsbill@...>
> Sent: Oct 18, 2005 8:18 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Anyone interested in a
> group net?

>
> "More than a nick".. He wrapped it clear around the
> MTD mower blade and stalled the motor! hi hi!
>
> bill
>
> --- KD5SFA <divenut1@...> wrote:
>
> > Sounds good to me.
> > I may have to replace a chunk of coax first....I
> > nicked it,
> > well it may be more than a nick, while doing yard
> > work
> > the other day. Thank goodness for spare coax !!!
> >
> > 73,Jon
> > KD5SFA
> >
> > -----Original Message-----
> > From: Paul <condor@...>
> > Sent: Oct 18, 2005 1:47 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] Anyone interested in
> a
> > group net?
> >
> > Sure...
> >
> > I'll check in (if propagation allows).
> >
> > Paul - K2BK
> >
> > max_ve3tmt wrote:
> >
> > > Just curious if anyone is interested in a weekly
> > net for the members
> > > of the group. I'm open to suggestions as to
> time,
> > frequency etc. I'm
> > > available almost any night except Mondays.
> > >
> > > Anyone else?
> > >
> > > Max
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> > > THANKS FOR USING TS-850_450_690@...

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---
> > > YAHOO! GROUPS LINKS
> > >
> > > * Visit your group "TS-850_450_690
> > >
> > <http://groups.yahoo.com/group/TS-850_450_690>" on
> > the web.
> > >
> > > * To unsubscribe from this group, send an
> > email to:
> > >
> TS-850_450_690-unsubscribe@yahoogroups.com
> > >
> >
>
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> > >
> > > * Your use of Yahoo! Groups is subject to
> the
> > Yahoo! Terms of
> > > Service
> <http://docs.yahoo.com/info/terms/>.
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> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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> When in doubt, MODIFY...
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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When in doubt, MODIFY...

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3691. Re: [TS-850_450_690] Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 16:10:03 UTC
From: n7ioh
Topic: 3666  Message: 3691

Hi all, I would have to agree that 20 meters would most likely be our best bet for a world wide weekly net. I just checked to see what our current membership is and it was 629 members. That would make one heck of a round table, hi hi. Something else to consider is if the group was to be able to meet at a time and day that falls on the weekend everywhere there would be less of a conflict for those who have to work. Here is another thought, we could have 2 weekly nets at different times so as to accommodate more of out members. Maybe some of you who do a lot of DX chasing could recommend some good times and days that might be better for our group to meet. I don't normally operate on 20 meters, I'm more of a 40 and 75 meter guy so I don't know what frequencies or times would be best to use there. I just voted on the band choice and I see only 11 of us have voted so far. I would think the more votes received, the higher the interest in starting a net. If only 10 or 20 members out of over 600 members want a net that's not a very good showing. Just my thoughts on the group net.

Al, n7ioh

max_ve3tmt wrote:

>Just curious if anyone is interested in a weekly net for the members
>of the group. I'm open to suggestions as to time, frequency etc. I'm
>available almost any night except Mondays.
>
>Anyone else?
>
>Max
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3692. Re: New poll for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 18:36:20 UTC
From: Dave
Topic: 424  Message: 3692

If held after us ordinary people on the west coast are home from work,
20 does not propagate eastward, either.

For dependable propagation around the entire country, 30 meters would
be best, but since this is a Kenwood group, it's not likely a CW crowd ;)

Dave W8NF (/7, if you insist)

--- In TS-850_450_690@yahoogroups.com, Paul <condor@m...> wrote:
>
> I just voted for 20 meters, but there was no second choice, so my
second
> choice would be 40 meters in some open spot in the night time jungle of
> international broadcasts.
>
> It would probably give the best coverage, as 20 would have dead spots
> from twenty to several hundred miles because of the lack of near field
> propagation.
>
> Paul - K2BK
>
>
>
> TS-850_450_690@yahoogroups.com wrote:
>
> >
> > Enter your vote today! A new poll has been created for the
> > TS-850_450_690 group:
> >
> > If you are in favour of a weekly net for our group, what band would
> > you prefer to hold the net on?
> >
> > Current propogation and antenna availability will play factors in
your
> > decision.
> >
> > o 75 meters
> > o 40 meters
> > o 20 meters
> > o 17 meters
> > o 15 meters
> >
> >
> > To vote, please visit the following web page:
> > http://groups.yahoo.com/group/TS-850_450_690/surveys?id=12163796
> >

> > Note: Please do not reply to this message. Poll votes are
> > not collected via email. To vote, you must go to the Yahoo! Groups
> > web site listed above.
> >
> > Thanks!
> >
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> > THANKS FOR USING TS-850_450_690@Y...
> >
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> >
> > SPONSORED LINKS
> > Ham radio antenna
> >
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+antenna&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=IKueKpmXBkHn27U_Hvnh0g>

> > Ham radio
> >
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=bXokIJQ1t8owK72cN8w1qg>

> > Ham radio sales
> >
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=YBSykFO-4qT9Ui8DW2seAQ>

> >
> > Ham radio store
> >
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+store&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=m4oeX-8sH_eEqY01_uyWnw>

> >
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---
> > YAHOO! GROUPS LINKS
> >
> > * Visit your group "TS-850_450_690
> > <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
> >
> > * To unsubscribe from this group, send an email to:

> > TS-850_450_690-unsubscribe@yahoogroups.com
> >
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> >
> > * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> > Service <http://docs.yahoo.com/info/terms/>.
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# 3693. Nicks in the coax (was Re: Anyone interested in a group net?)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 18:39:25 UTC
From: Dave
Topic: 3666  Message: 3693

I wuz werkin' on th' car last weekend, after wordz realizated that I had too many toolz an' dinna wanna carry 'em all back to the shed, so I drivved the car 'round back into the back yard and pleezed meseff mightily at the time saved.

Then noted that I had done drivved over not one but three hunks of 9913, what ain't too happy 'bout bein' drivved over...

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
>
> "More than a nick".. He wrapped it clear around the
> MTD mower blade and stalled the motor! hi hi!
>
> bill
>
> --- KD5SFA <divenut1@s...> wrote:
>
> > Sounds good to me.
> > I may have to replace a chunk of coax first....I
> > nicked it,
> > well it may be more than a nick, while doing yard
> > work
> > the other day. Thank goodness for spare coax !!!
> >
> > 73,Jon
> > KD5SFA
> >
> > -----Original Message-----
> > From: Paul <condor@m...>
> > Sent: Oct 18, 2005 1:47 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] Anyone interested in a
> > group net?
> >
> > Sure...
> >
> > I'll check in (if propagation allows).
> >
> > Paul - K2BK
> >
> > max_ve3tmt wrote:
> >
> > > Just curious if anyone is interested in a weekly
> > net for the members
> > > of the group. I'm open to suggestions as to time,

> > frequency etc. I'm
> > > available almost any night except Mondays.
> > >
> > > Anyone else?
> > >
> > > Max
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> > >
> > > THANKS FOR USING TS-850_450_690@Y...
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> ---
> > > YAHOO! GROUPS LINKS
> > >
> > > * Visit your group "TS-850_450_690
> > >
> > <http://groups.yahoo.com/group/TS-850_450_690>" on
> > the web.
> > >
> > > * To unsubscribe from this group, send an
> > email to:
> > > TS-850_450_690-unsubscribe@yahoogroups.com
> > >
> >
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> > >
> > > * Your use of Yahoo! Groups is subject to the
> > Yahoo! Terms of
> > > Service <http://docs.yahoo.com/info/terms/>.
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> > THANKS FOR USING TS-850_450_690@Y...
> > Yahoo! Groups Links
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> When in doubt, MODIFY...
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# 3694. Re: [TS-850_450_690] Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 19:15:36 UTC
From: Mark Saunders
Topic: 3666  Message: 3694

I posted a message last night that I was listening at 7.280 if anyone wanted to try it for our Kenwood net.

I heard no list member stations, but I did have a nice 3-way QSO with Joe, KK6BS in San Diego and Brian, N7PGT in Oregon. All three stations were running 100w, they were horizontally polorized and I was vertically polorized. Our signals were S9+, Joe +20 and Brian +10. Excellent copy with the narrow SSB filter.

Somewhere between 0300 and 0400 UTC, a BC station started above us and the narrow filter really helped as did the slope tune.

I'm not much of a Phones guy and spend most of my time on CW, but a Kenwood net could be fun.

Mark Saunders, KJ7BS
Glendale, AZ

FISTS # 2972
Elecraft K2 S/N 539

If it aint fun,
you aint doing it right.
AZ ScQRPions

> 
> From: "max_ve3tmt" <max_ve3tmt@...>
> Date: 2005/10/17 Mon PM 09:10:01 EDT
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] Anyone interested in a group net?
> 
> Just curious if anyone is interested in a weekly net for the members
> of the group. I'm open to suggestions as to time, frequency etc. I'm
> available almost any night except Mondays.
> 
> Anyone else?
> 
> Max
> 

# 3695. Re: [TS-850_450_690] Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 19:28:03 UTC
From: n7ioh
Topic: 3666  Message: 3695

Let me try this again as it looks like my earlier post of almost 3 1/2 hours still has not been posted and I have no clue why or where it could be.

Hi all, I would have to agree that 20 meters would most likely be our best bet for a world wide weekly net. I just checked to see what our current membership is and it was 629 members. That would make one heck of a round table, hi hi. Something else to consider is if the group was to be able to meet at a time and day that falls on the weekend everywhere there would be less of a conflict for those who have to work. Here is another thought, we could have 2 weekly nets at different times so as to accommodate more of out members. Maybe some of you who do a lot of DX chasing could recommend some good times and days that might be better for our group to meet. I don't normally operate on 20 meters, I'm more of a 40 and 75 meter guy so I don't know what frequencies or times would be best to use there. I just voted on the band choice and I see only 11 of us have voted so far. I would think the more votes received, the higher the interest in starting a net. If only 10 or 20 members out of over 600 members want a net that's not a very good showing. Just my thoughts on the group net.
Al, n7ioh

max_ve3tmt wrote:

>Just curious if anyone is interested in a weekly net for the members
>of the group. I'm open to suggestions as to time, frequency etc. I'm
>available almost any night except Mondays.
>
>Anyone else?
>
>Max
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3696. Re: [TS-850_450_690] Re: TS-850S Question

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 20:01:20 UTC
From: Paul
Topic: 3663  Message: 3696

What you said!

Paul K2BK

Paul Manuel wrote:

> 
> 
> It would seem to me that the problems with the DDS chips being prone to
> failure in the early 850s should have sorted itself out by now.
> 
> In other words, if an early 850 should have a DDS chip failure now, how
> could it be termed premature? The rig is 15 years old! Seems to me any bad
> early ones should have been weeded out by now.
> 
> Just a thought!
> 73,
> Paul K4PDM
> 
> 
> 
> 
> _____________________________________
> Yahoo! Mail - PC Magazine Editors' Choice 2005
> http://mail.yahoo.com
> 
> 
> THANKS FOR USING TS-850_450_690@...
> 
> 
> ------------------------------------------------------------------------
> YAHOO! GROUPS LINKS
> 
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
> 
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> 
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
> 
> 
> ------------------------------------------------------------------------
> 

# 3697. Re: Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 20:37:31 UTC
From: max_ve3tmt
Topic: 3666  Message: 3697

--- In TS-850_450_690@yahoogroups.com, Mark Saunders <kj7bs@c...> wrote:
>
> I posted a message last night that I was listening at 7.280 if anyone wanted to try it for our Kenwood net.
>
> I heard no list member stations, but I did have a nice 3-way QSO with Joe, KK6BS in San Diego and Brian, N7PGT in Oregon. All three stations were running 100w, they were horizontally polorized and I was vertically polorized. Our signals were S9+, Joe +20 and Brian +10. Excellent copy with the narrow SSB filter.
>
> Somewhere between 0300 and 0400 UTC, a BC station started above us and the narrow filter really helped as did the slope tune.
>
> I'm not much of a Phones guy and spend most of my time on CW, but a Kenwood net could be fun.
>
> Mark Saunders, KJ7BS
> Glendale, AZ

Mark,

I heard you and Joe on the freq but I had a high noise level at the time. I am beginning to think 20m might be the best choice.

Max

# 3698. Re: RE: [TS-850_450_690] Anyone interested in a group net?/ COAX

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 20:52:25 UTC
From: Mark Saunders
Topic: 3666  Message: 3698

I burried a 3" PVC pipe from my house to where my tower will be and now I wish I had used 4" pipe. Oh well, I'm not going to dig it up now. I will probably lay a 4" pipe also.

That LMR stuff is expensive, but the thing to use, especially if you have a long run from the shack to to antennas.

Mark Saunders, KJ7BS
Glendale, AZ
---
FISTS # 2972
Elecraft K2 S/N 539
---
If it aint fun,
you aint doing it right.
AZ ScQRPions

> From: KD5SFA <divenut1@...>
> Date: 2005/10/19 Wed AM 11:03:41 EDT
> To: TS-850_450_690@yahoogroups.com
> Subject: RE: [TS-850_450_690] Anyone interested in a group net?/ COAX
>
> I wish...rg-213.
> Just barely caught it when I realized it was there...
> Not down to the center conductor but deep enough.
> Just glad it wasn't my LMR-600 !!
>
> 73,
> Jon
> KD5SFA
>
> -----Original Message-----
> From: KJ7BS <kj7bs@...>
> Sent: Oct 18, 2005 8:37 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: RE: [TS-850_450_690] Anyone interested in a group net?/ COAX
>
> >"More than a nick".. He wrapped it clear around the
> >MTD mower blade and stalled the motor! hi hi!
>
> Kind of a hard way to make a coax choke.
>
> That sounds like some good coax. Hardline by chance?
>
> Mark Saunders, KJ7BS
> Glendale, AZ

> <><><><><><><><><>
> FISTS # 2972
> Elecraft K2 S/N 539
> <><><><><><><><><>
> If it aint fun,
> You aint doing it right.
> AZ ScQRPions
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3699. Re: Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 20:40:23 UTC
From: max_ve3tmt
Topic: 3666  Message: 3699

--- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
>
> Let me try this again as it looks like my earlier post of almost 3
> 1/2 hours still has not been posted and I have no clue why or where it
> could be.
>
> Hi all, I would have to agree that 20 meters would most likely be
> our best bet for a world wide weekly net. I just checked to see what
> our current membership is and it was 629 members. That would make one
> heck of a round table, hi hi. Something else to consider is if the
> group was to be able to meet at a time and day that falls on the
weekend
> everywhere there would be less of a conflict for those who have to
> work. Here is another thought, we could have 2 weekly nets at
different
> times so as to accommodate more of out members. Maybe some of you who
> do a lot of DX chasing could recommend some good times and days that
> might be better for our group to meet. I don't normally operate on 20
> meters, I'm more of a 40 and 75 meter guy so I don't know what
> frequencies or times would be best to use there. I just voted on the
> band choice and I see only 11 of us have voted so far. I would think
> the more votes received, the higher the interest in starting a net. If
> only 10 or 20 members out of over 600 members want a net that's not a
> very good showing. Just my thoughts on the group net.
> Al, n7ioh

I agree Al, only 12 replies so far. Cast your vote guys, don't be shy.
I think it would be great to "talk" to each other on the air.

Max

# 3700. Re: [TS-850_450_690] Anyone interested in a group net?/ COAX

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 21:48:46 UTC
From: Dave
Topic: 3666  Message: 3700

For lower frequencies, you can use homebrew open wire. The loss characteristics are akin to LMR-1200. N6RK's website shows his way of supporting them. Around here, I'd have to make sure mine are suspended high enough that the "rent-a-farmer" who is 93 years old who tills our fields, won't clobber them with his tractor.

I've heard of others who've run out of room with the underground pipe routine. What I think I'm going to try is to run a messenger cable at a good height, and then hang the coaxial cables from it. Any coax we normally use is UV-inhibted, but rotor cable may become an issue. I'll just try it and see how it works out.

I'm sure it's situationally dependent. In my case, I have lots of trees, and trying to bury something amidst the mass of roots does not sound fun. But hiding a messenger line in them doesn't sound too bad.

Dave W8NF
Helvetia, OR

--- In TS-850_450_690@yahoogroups.com, Mark Saunders <kj7bs@c...> wrote:
>
> I burried a 3" PVC pipe from my house to where my tower will be and now I wish I had used 4" pipe. Oh well, I'm not going to dig it up now. I will probably lay a 4" pipe also.
>
> That LMR stuff is expensive, but the thing to use, especially if you have a long run from the shack to to antennas.
>
> Mark Saunders, KJ7BS
> Glendale, AZ
> --------------------
> FISTS # 2972
> Elecraft K2 S/N 539
> --------------------
> If it aint fun,
> you aint doing it right.
> AZ ScQRPions
>
> >
> > From: KD5SFA <divenut1@s...>
> > Date: 2005/10/19 Wed AM 11:03:41 EDT
> > To: TS-850_450_690@yahoogroups.com
> > Subject: RE: [TS-850_450_690] Anyone interested in a group net?/ COAX
> >
> > I wish...rg-213.
> > Just barely caught it when I realized it was there...

> > Not down to the center conductor but deep enough.
> > Just glad it wasn't my LMR-600 !!
> >
> > 73,
> > Jon
> > KD5SFA

# 3701. Re: Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 21:51:03 UTC
From: Dave
Topic: 3666  Message: 3701

Don't worry about polarization. Once a signal has been refracted by the ionosphere, the polarization has been skewed and scintillated. I once had a 40 meter dipole and a vertical, and fed one to each of two receivers, then found signals to listen to. Quite fascinating hearing a signal warble in strength and phase from one RX to the other as the polarization went through cycles through the atmosphere. Unless it was a weak signal, it was never absent in either receiver. Local signals were stable, but anything that came from more than 20 miles away had the scintillations.

Dave w8NF
Helvetia, OR

--- In TS-850_450_690@yahoogroups.com, Mark Saunders <kj7bs@c...> wrote:
>
> I posted a message last night that I was listening at 7.280 if anyone wanted to try it for our Kenwood net.
>
> I heard no list member stations, but I did have a nice 3-way QSO with Joe, KK6BS in San Diego and Brian, N7PGT in Oregon. All three stations were running 100w, they were horizontally polorized and I was vertically polorized. Our signals were S9+, Joe +20 and Brian +10. Excellent copy with the narrow SSB filter.
>
> Somewhere between 0300 and 0400 UTC, a BC station started above us and the narrow filter really helped as did the slope tune.
>
> I'm not much of a Phones guy and spend most of my time on CW, but a Kenwood net could be fun.
>
> Mark Saunders, KJ7BS
> Glendale, AZ
>
> FISTS # 2972
> Elecraft K2 S/N 539
>
> If it aint fun,
> you aint doing it right.
> AZ ScQRPions
>
> >
> > From: "max_ve3tmt" <max_ve3tmt@y...>
> > Date: 2005/10/17 Mon PM 09:10:01 EDT
> > To: TS-850_450_690@yahoogroups.com
> > Subject: [TS-850_450_690] Anyone interested in a group net?

> >
> > Just curious if anyone is interested in a weekly net for the members
> > of the group. I'm open to suggestions as to time, frequency etc. I'm
> > available almost any night except Mondays.
> >
> > Anyone else?
> >
> > Max
> >
>

# 3702. Re: [TS-850_450_690] Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-19 23:53:12 UTC
From: Bill K0ZL
Topic: 3666  Message: 3702

Instead of a 90 deg elbow common to plumbing PVC, use
the electrical PVC conduit elbow instead. Has a big
radius that the 7/8 will navigate easily.

b

--- KD5SFA <divenut1@...> wrote:

> I was going to try that and see how the analyzer
> reacted
> before hooking it up to anything else. If it looks
> bad I'll
> just drag out an extra coil of RG-8 and replace that
> section.
>
> I guess I'll need to take the time to dig that
> trench and lay some
> 4" PVC between the hose and tower to run coax in.
> I'm not sure
> how I'll handle my 7/8" heliax when I get that.
>
> 73,
> Jon
> KD5SFA
>
> -----Original Message-----
> From: Bill K0ZL <coorsbill@...>
> Sent: Oct 19, 2005 8:32 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Anyone interested in a
> group net?
>
> Just tape the heck out of it and call it good! hi...
>
>
> I have a couple such "bandages" on my 20M loop
> feedline. I use Scotch brand type 70 silicone tape,
> then 33 on top of that. Never fails.
>
> b
>
>
> --- KD5SFA <divenut1@...> wrote:
>
> > Not quite Bill...caught it with my weed eater
> using

> > a brush blade.
> > The mower would have chewed it to pieces as it has
> > two blades.
> > Takes a lot to stall that 17hp Briggs....
> > Still ticked me off...especially when I had 3
> hours
> > to go to get that
> > part of the yardwork done. I know it got the
> jacket
> > and part of the
> > braid.
> >
> > Jon
> >
> > -----Original Message-----
> > From: Bill K0ZL <coorsbill@...>
> > Sent: Oct 18, 2005 8:18 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] Anyone interested in
> a
> > group net?
> >
> > "More than a nick".. He wrapped it clear around
> the
> > MTD mower blade and stalled the motor! hi hi!
> >
> > bill
> >
> > --- KD5SFA <divenut1@...> wrote:
> >
> > > Sounds good to me.
> > > I may have to replace a chunk of coax first....I
> > > nicked it,
> > > well it may be more than a nick, while doing
> yard
> > > work
> > > the other day. Thank goodness for spare coax
> !!!
> > >
> > > 73,Jon
> > > KD5SFA
> > >
> > > -----Original Message-----
> > > From: Paul <condor@...>
> > > Sent: Oct 18, 2005 1:47 PM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: Re: [TS-850_450_690] Anyone interested
> in
> > a
> > > group net?

> > >
> > > Sure...
> > >
> > > I'll check in (if propagation allows).
> > >
> > > Paul - K2BK
> > >
> > > max_ve3tmt wrote:
> > >
> > > > Just curious if anyone is interested in a
> weekly
> > > net for the members
> > > > of the group. I'm open to suggestions as to
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> > > > available almost any night except Mondays.
> > > >
> > > > Anyone else?
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> > > > THANKS FOR USING
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> > > > YAHOO! GROUPS LINKS
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> > > > * Visit your group "TS-850_450_690
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> > > <http://groups.yahoo.com/group/TS-850_450_690>"
> on
> > > the web.
> > > >
> > > > * To unsubscribe from this group, send an
> > > email to:
> > > >
> > TS-850_450_690-unsubscribe@yahoogroups.com
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<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> > > >
> > > > * Your use of Yahoo! Groups is subject to
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When in doubt, MODIFY...

# 3703. Re: Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 01:43:16 UTC
From: ah6rr1
Topic: 3666  Message: 3703

I want to get in on this net also. Give me a time and place and I will try. I do not get off work until 02:00Z so 03:00Z would work for me. BTW do you realy run your coax from the "hose to tower" I thought you are trying to keep it dry HI HI.

Roland AH6RR

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
>
> Instead of a 90 deg elbow common to plumbing PVC, use
> the electrical PVC conduit elbow instead. Has a big
> radius that the 7/8 will navigate easily.
>
> b
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>
> --- KD5SFA <divenut1@s...> wrote:
>
> > I was going to try that and see how the analyzer
> > reacted
> > before hooking it up to anything else. If it looks
> > bad I'll
> > just drag out an extra coil of RG-8 and replace that
> > section.
> >
> > I guess I'll need to take the time to dig that
> > trench and lay some
> > 4" PVC between the hose and tower to run coax in.
> > I'm not sure
> > how I'll handle my 7/8" heliax when I get that.
> >
> > 73,
> > Jon
> > KD5SFA
> >
> > -----Original Message-----
> > From: Bill K0ZL <coorsbill@y...>
> > Sent: Oct 19, 2005 8:32 AM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] Anyone interested in a
> > group net?
> >
> > Just tape the heck out of it and call it good! hi...
> >

> >
> > I have a couple such "bandages" on my 20M loop
> > feedline. I use Scotch brand type 70 silicone tape,
> > then 33 on top of that. Never fails.
> >
> > b
> >
> >
> > --- KD5SFA <divenut1@s...> wrote:
> >
> > > Not quite Bill...caught it with my weed eater
> > using
> > > a brush blade.
> > > The mower would have chewed it to pieces as it has
> > > two blades.
> > > Takes a lot to stall that 17hp Briggs....
> > > Still ticked me off...especially when I had 3
> > hours
> > > to go to get that
> > > part of the yardwork done. I know it got the
> > jacket
> > > and part of the
> > > braid.
> > >
> > > Jon
> > >
> > > -----Original Message-----
> > > From: Bill K0ZL <coorsbill@y...>
> > > Sent: Oct 18, 2005 8:18 PM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: Re: [TS-850_450_690] Anyone interested in
> > a
> > > group net?
> > >
> > > "More than a nick".. He wrapped it clear around
> > the
> > > MTD mower blade and stalled the motor! hi hi!
> > >
> > > bill
> > >
> > > --- KD5SFA <divenut1@s...> wrote:
> > >
> > > > Sounds good to me.
> > > > I may have to replace a chunk of coax first....I
> > > > nicked it,
> > > > well it may be more than a nick, while doing
> > yard
> > > > work
> > > > the other day. Thank goodness for spare coax
> > !!!

> > > >
> > > > 73,Jon
> > > > KD5SFA
> > > >
> > > > -----Original Message-----
> > > > From: Paul <condor@m...>
> > > > Sent: Oct 18, 2005 1:47 PM
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Subject: Re: [TS-850_450_690] Anyone interested
> > in
> > > a
> > > > group net?
> > > >
> > > > Sure...
> > > >
> > > > I'll check in (if propagation allows).
> > > >
> > > > Paul - K2BK
> > > >
> > > > max_ve3tmt wrote:
> > > >
> > > > > Just curious if anyone is interested in a
> > weekly
> > > > net for the members
> > > > > of the group. I'm open to suggestions as to
> > > time,
> > > > frequency etc. I'm
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> > > > > Anyone else?
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> > > > > YAHOO! GROUPS LINKS
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> > > > > * Visit your group "TS-850_450_690

> > > > >
> > > > <http://groups.yahoo.com/group/TS-850_450_690>"
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# 3704. VE3TMT on 14.170 now 02:24Z

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 02:25:20 UTC
From: max_ve3tmt
Topic: 3704  Message: 3704

I'm listening on 14.170 for a little while if anyone wants to try 20m.

Max

# 3705. Re: [TS-850_450_690] Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 14:34:14 UTC
From: KD5SFA
Topic: 3666  Message: 3705

I like that idea....the grey pvc is more UV resistant
than the white is so it should last longer to. That and
the heliax likes a nice gradual bend...about 11" radius
if I recall....not to mention leaving at least one or two
pull lines in there for future expansion the curved elbows
will make pulling new coax so much easier.

Thanks for the idea Bill !!

73,
Jon
KD5SFA

-----Original Message-----
From: Bill K0ZL <coorsbill@...>
Sent: Oct 19, 2005 6:53 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Anyone interested in a group net?

Instead of a 90 deg elbow common to plumbing PVC, use
the electrical PVC conduit elbow instead. Has a big
radius that the 7/8 will navigate easily.

b

--- KD5SFA <divenut1@...> wrote:

> I was going to try that and see how the analyzer
> reacted
> before hooking it up to anything else. If it looks
> bad I'll
> just drag out an extra coil of RG-8 and replace that
> section.
>
> I guess I'll need to take the time to dig that
> trench and lay some
> 4" PVC between the hose and tower to run coax in.
> I'm not sure
> how I'll handle my 7/8" heliax when I get that.
>
> 73,
> Jon
> KD5SFA
>
> -----Original Message-----
> From: Bill K0ZL <coorsbill@...>
> Sent: Oct 19, 2005 8:32 AM

> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Anyone interested in a
> group net?
>
> Just tape the heck out of it and call it good! hi...
>
>
> I have a couple such "bandages" on my 20M loop
> feedline. I use Scotch brand type 70 silicone tape,
> then 33 on top of that. Never fails.
>
> b
>
>
> --- KD5SFA <divenut1@...> wrote:
>
> > Not quite Bill...caught it with my weed eater
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> > a brush blade.
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> > Takes a lot to stall that 17hp Briggs....
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> > to go to get that
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> jacket
> > and part of the
> > braid.
> >
> > Jon
> >
> > -----Original Message-----
> > From: Bill K0ZL <coorsbill@...>
> > Sent: Oct 18, 2005 8:18 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] Anyone interested in
> a
> > group net?
> >
> > "More than a nick".. He wrapped it clear around
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> > MTD mower blade and stalled the motor! hi hi!
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> > bill
> >
> > --- KD5SFA <divenut1@...> wrote:
> >
> > > Sounds good to me.
> > > I may have to replace a chunk of coax first....I

> > > nicked it,
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> yard
> > > work
> > > the other day. Thank goodness for spare coax
> !!!
> > >
> > > 73,Jon
> > > KD5SFA
> > >
> > > -----Original Message-----
> > > From: Paul <condor@...>
> > > Sent: Oct 18, 2005 1:47 PM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: Re: [TS-850_450_690] Anyone interested
> in
> > a
> > > group net?
> > >
> > > Sure...
> > >
> > > I'll check in (if propagation allows).
> > >
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> > > max_ve3tmt wrote:
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> > > > Just curious if anyone is interested in a
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> > > > Anyone else?
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> > > > Max
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> TS-850_450_690@...
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> > > > YAHOO! GROUPS LINKS
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> > > > * Visit your group "TS-850_450_690
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> > > > * To unsubscribe from this group, send an
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<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
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When in doubt, MODIFY...

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3706. Re: [TS-850_450_690] Re: Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 14:54:42 UTC
From: Frank Heffner
Topic: 3666  Message: 3706

Hi all,

I would like to agree with 20 meters for several reasons. First of all,there are Kenwood owners all over the world and among us there is a high percentage of TS-850 owners. Those of us who live in Europe(except for the U.K.) as I do can not operate above 7100 MHz. My suggestion would be to operate on 7280 for the state side and Canadian guys and have a frequency on 20 for the world wide net. The two nets could be on the same day at different times or on different days at different times. 10 and 15 would not be a viable option as we are bottoming out in the sun spot cycle. I think once we got a net going with a small group of Kenwood owners it would take off in due time. Even none owners could jump in have a go. Sounds like we could have a lot of fun. Just because we only have 11 votes so far, don't think there isn't any interest or we are not reading the mail!

Best 73 to all the group, Frank
WI2R,DL1RW,OE7RWI

max_ve3tmt <max_ve3tmt@...> wrote:
--- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
>
> Let me try this again as it looks like my earlier post of almost 3
> 1/2 hours still has not been posted and I have no clue why or where it
> could be.
>
> Hi all, I would have to agree that 20 meters would most likely be
> our best bet for a world wide weekly net. I just checked to see what
> our current membership is and it was 629 members. That would make one
> heck of a round table, hi hi. Something else to consider is if the
> group was to be able to meet at a time and day that falls on the
weekend
> everywhere there would be less of a conflict for those who have to
> work. Here is another thought, we could have 2 weekly nets at
different
> times so as to accommodate more of out members. Maybe some of you who
> do a lot of DX chasing could recommend some good times and days that
> might be better for our group to meet. I don't normally operate on 20
> meters, I'm more of a 40 and 75 meter guy so I don't know what
> frequencies or times would be best to use there. I just voted on the
> band choice and I see only 11 of us have voted so far. I would think
> the more votes received, the higher the interest in starting a net. If
> only 10 or 20 members out of over 600 members want a net that's not a
> very good showing. Just my thoughts on the group net.
> Al, n7ioh

I agree Al, only 12 replies so far. Cast your vote guys, don't be shy.
I think it would be great to "talk" to each other on the air.

Max

THANKS FOR USING TS-850_450_690@...

SPONSORED LINKS
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YAHOO! GROUPS LINKS

Visit your group "TS-850_450_690" on the web.

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

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Yahoo! Music Unlimited - Access over 1 million songs. Try it free.

[Non-text portions of this message have been removed]

# 3707. Re: [TS-850_450_690] Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 14:59:09 UTC
From: Paul
Topic: 3666  Message: 3707

This is a good thread, but why is it traveling around under the title of
"Group net"??

Paul - K2BK

KD5SFA wrote:

> I like that idea....the grey pvc is more UV resistant
> than the white is so it should last longer to. That and
> the heliax likes a nice gradual bend...about 11" radius
> if I recall....not to mention leaving at least one or two
> pull lines in there for future expansion the curved elbows
> will make pulling new coax so much easier.
>
> Thanks for the idea Bill !!
>
> 73,
> Jon
> KD5SFA
>
> -----Original Message-----
> From: Bill K0ZL <coorsbill@...>
> Sent: Oct 19, 2005 6:53 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Anyone interested in a group net?
>
> Instead of a 90 deg elbow common to plumbing PVC, use
> the electrical PVC conduit elbow instead. Has a big
> radius that the 7/8 will navigate easily.
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> > 73,
> > Jon
> > KD5SFA
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> > -----Original Message-----
> > From: Bill K0ZL <coorsbill@...>
> > Sent: Oct 19, 2005 8:32 AM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] Anyone interested in a
> > group net?
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> > Just tape the heck out of it and call it good! hi...
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> > > > Sent: Oct 18, 2005 1:47 PM
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# 3708. Re: [TS-850_450_690]Outdoor coax (was) Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 15:06:42 UTC
From: KD5SFA
Topic: 3708  Message: 3708

Probably because that is where it started as a general
comment on my part due to a recent yardwork incident.

73,Jon
KD5SFA

-----Original Message-----
From: Paul <condor@...>
Sent: Oct 20, 2005 9:59 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] Anyone interested in a group net?

This is a good thread, but why is it traveling around under the title of
"Group net"??

Paul - K2BK

KD5SFA wrote:

> I like that idea....the grey pvc is more UV resistant
> than the white is so it should last longer to. That and
> the heliax likes a nice gradual bend...about 11" radius
> if I recall....not to mention leaving at least one or two
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> From: Bill K0ZL <coorsbill@...>
> Sent: Oct 19, 2005 6:53 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Anyone interested in a group net?
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> Instead of a 90 deg elbow common to plumbing PVC, use
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> > > Sent: Oct 18, 2005 8:18 PM
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THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3709. Re: [TS-850_450_690]Outdoor buried coax

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 15:19:57 UTC
From: Paul
Topic: 3708  Message: 3709

OK ;))

On that light - I have just moved to this QTH and right now I have 5
pieces of coax lying in the grass with orders to my son to not mow over
the coax - so the yard looks like it has a Mohawk haircut to the garage.

I had thought of burying the coax but was told that it would not survive
the winter heave. Thought of putting in a 4"-ish piece of PVC but I'm
afraid that it will fill with water and freeze, or that chipmunks will
get inside and chew up the coax to make new "digs".

Any suggestions.

KD5SFA wrote:

> Probably because that is where it started as a general
> comment on my part due to a recent yardwork incident.
>
> 73,Jon
> KD5SFA
>
> -----Original Message-----
> From: Paul <condor@...>
> Sent: Oct 20, 2005 9:59 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Anyone interested in a group net?
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> This is a good thread, but why is it traveling around under the title of
> "Group net"??
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> Paul - K2BK
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> KD5SFA wrote:
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> THANKS FOR USING TS-850_450_690@...
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> SPONSORED LINKS
> Ham radio antenna
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+antenna&w1=Ham+radio+antenna&w2=Ham+radio
&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=IKueKpmXBkHn27U_Hvnh0g>
> Ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+
radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=bXokIJQ1t8owK72cN8w1qg>
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3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=YBSykFO-4qT9Ui8DW2seAQ>
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> Ham radio store
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+store&w1=Ham+radio+antenna&w2=Ham+radio&w
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> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
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> * To unsubscribe from this group, send an email to:
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> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
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# 3710. Re: [TS-850_450_690]Outdoor buried coax

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 15:29:19 UTC
From: KD5SFA
Topic: 3708  Message: 3710

If you do the PVC be sure and put elbows on the exposed
portion so that the ends are pointing down (will keep rain
out of the pipe). I would also stuff the ends with steel wool
to keep small varmits out (mice, rats, wasps, etc.).

Others may have better ideas.

73,
Jon
KD5SFA

-----Original Message-----
From: Paul <condor@...>
Sent: Oct 20, 2005 10:19 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690]Outdoor buried coax

OK ;))

On that light - I have just moved to this QTH and right now I have 5
pieces of coax lying in the grass with orders to my son to not mow over
the coax - so the yard looks like it has a Mohawk haircut to the garage.

I had thought of burying the coax but was told that it would not survive
the winter heave. Thought of putting in a 4"-ish piece of PVC but I'm
afraid that it will fill with water and freeze, or that chipmunks will
get inside and chew up the coax to make new "digs".

Any suggestions.

KD5SFA wrote:

> Probably because that is where it started as a general
> comment on my part due to a recent yardwork incident.
>
> 73,Jon
> KD5SFA
>
> -----Original Message-----
> From: Paul <condor@...>
> Sent: Oct 20, 2005 9:59 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Anyone interested in a group net?
>
> This is a good thread, but why is it traveling around under the title of
> "Group net"??
>

> Paul - K2BK
>
> KD5SFA wrote:
>
> > I like that idea....the grey pvc is more UV resistant
> > than the white is so it should last longer to. That and
> > the heliax likes a nice gradual bend...about 11" radius
> > if I recall....not to mention leaving at least one or two
> > pull lines in there for future expansion the curved elbows
> > will make pulling new coax so much easier.
> >
> > Thanks for the idea Bill !!
> >
> > 73,
> > Jon
> > KD5SFA
> >
> > -----Original Message-----
> > From: Bill K0ZL <coorsbill@...>
> > Sent: Oct 19, 2005 6:53 PM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] Anyone interested in a group net?
> >
> > Instead of a 90 deg elbow common to plumbing PVC, use
> > the electrical PVC conduit elbow instead. Has a big
> > radius that the 7/8 will navigate easily.
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> > b
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> > --- KD5SFA <divenut1@...> wrote:
> >
> > > I was going to try that and see how the analyzer
> > > reacted
> > > before hooking it up to anything else. If it looks
> > > bad I'll
> > > just drag out an extra coil of RG-8 and replace that
> > > section.
> > >
> > > I guess I'll need to take the time to dig that
> > > trench and lay some
> > > 4" PVC between the hose and tower to run coax in.
> > > I'm not sure
> > > how I'll handle my 7/8" heliax when I get that.
> > >
> > > 73,
> > > Jon
> > > KD5SFA
> > >
> > > -----Original Message-----

> > > From: Bill K0ZL <coorsbill@...>
> > > Sent: Oct 19, 2005 8:32 AM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: Re: [TS-850_450_690] Anyone interested in a
> > > group net?
> > >
> > > Just tape the heck out of it and call it good! hi...
> > >
> > >
> > > I have a couple such "bandages" on my 20M loop
> > > feedline. I use Scotch brand type 70 silicone tape,
> > > then 33 on top of that. Never fails.
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> > > b
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> > >
> > > --- KD5SFA <divenut1@...> wrote:
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> > > > Not quite Bill...caught it with my weed eater
> > > using
> > > > a brush blade.
> > > > The mower would have chewed it to pieces as it has
> > > > two blades.
> > > > Takes a lot to stall that 17hp Briggs....
> > > > Still ticked me off...especially when I had 3
> > > hours
> > > > to go to get that
> > > > part of the yardwork done. I know it got the
> > > jacket
> > > > and part of the
> > > > braid.
> > > >
> > > > Jon
> > > >
> > > > -----Original Message-----
> > > > From: Bill K0ZL <coorsbill@...>
> > > > Sent: Oct 18, 2005 8:18 PM
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Subject: Re: [TS-850_450_690] Anyone interested in
> > > a
> > > > group net?
> > > >
> > > > "More than a nick".. He wrapped it clear around
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> > > > MTD mower blade and stalled the motor! hi hi!
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> > > > bill
> > > >
> > > > --- KD5SFA <divenut1@...> wrote:
> > > >

> > > > > Sounds good to me.
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> > > > > well it may be more than a nick, while doing
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> > > > > work
> > > > > the other day. Thank goodness for spare coax
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> > > > >
> > > > > 73,Jon
> > > > > KD5SFA
> > > > >
> > > > > -----Original Message-----
> > > > > From: Paul <condor@...>
> > > > > Sent: Oct 18, 2005 1:47 PM
> > > > > To: TS-850_450_690@yahoogroups.com
> > > > > Subject: Re: [TS-850_450_690] Anyone interested
> > > in
> > > > a
> > > > > group net?
> > > > >
> > > > > Sure...
> > > > >
> > > > > I'll check in (if propagation allows).
> > > > >
> > > > > Paul - K2BK
> > > > >
> > > > > max_ve3tmt wrote:
> > > > >
> > > > > > Just curious if anyone is interested in a
> > > weekly
> > > > > net for the members
> > > > > > of the group. I'm open to suggestions as to
> > > > time,
> > > > > frequency etc. I'm
> > > > > > available almost any night except Mondays.
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> > > > > > Anyone else?
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> > > > > > Max
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> > ------------------------------------------------------------------------
> > > > > > YAHOO! GROUPS LINKS
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> > > > > > > * Visit your group "TS-850_450_690
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> > > > > > <http://groups.yahoo.com/group/TS-850_450_690>"
> > > on
> > > > > > the web.
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> > > > > > > * To unsubscribe from this group, send an
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&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=IKueKpmXBkHn27U_Hvnh0g>
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THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 3711. Re: [TS-850_450_690]Outdoor buried coax

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 15:34:22 UTC
From: Fred Van Veen
Topic: 3708  Message: 3711

I buried about 30 feet of RG-58 almost 10 years ago, from the house
to a homebrew 20-meter vertical. There has been no problem
whatsoever. The coax is a couple of inches below the lawn and it is
not protected by PVC or anything. The ground below the lawn is sandy,
with good drainage.
Of course they make coax specifically for burying, but why not just
bury what you have and see what happens?
Fred, W1NYL
On Oct 20, 2005, at 11:19 AM, Paul wrote:

> OK ;))
>
> On that light - I have just moved to this QTH and right now I have 5
> pieces of coax lying in the grass with orders to my son to not mow
> over
> the coax - so the yard looks like it has a Mohawk haircut to the
> garage.
>
> I had thought of burying the coax but was told that it would not
> survive
> the winter heave. Thought of putting in a 4"-ish piece of PVC but I'm
> afraid that it will fill with water and freeze, or that chipmunks will
> get inside and chew up the coax to make new "digs".
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>> Probably because that is where it started as a general
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>> 73,Jon
>> KD5SFA
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>> From: Paul <condor@...>
>> Sent: Oct 20, 2005 9:59 AM
>> To: TS-850_450_690@yahoogroups.com
>> Subject: Re: [TS-850_450_690] Anyone interested in a group net?
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>> Paul - K2BK
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>>> I like that idea....the grey pvc is more UV resistant
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>>>> I was going to try that and see how the analyzer
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>>>> feedline. I use Scotch brand type 70 silicone tape,
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>>>>> a brush blade.
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>>>>>> max_ve3tmt wrote:
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>>>>>>> YAHOO! GROUPS LINKS
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>>>>>>> * Visit your group "TS-850_450_690
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>> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+store&w1=Ham+radio
>> +antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio
>> +store&c=4&s=80&.sig=m4oeX-8sH_eEqY01_uyWnw>
>>
>>
>>
>> ------------------------------------------------------------------------
>> ---
>> YAHOO! GROUPS LINKS
>>
>> * Visit your group "TS-850_450_690
>> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>>

>> * To unsubscribe from this group, send an email to:
>> TS-850_450_690-unsubscribe@yahoogroups.com
>> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?
>> subject=Unsubscribe>
>>
>> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
>> Service <http://docs.yahoo.com/info/terms/>.
>>
>>
>> ------------------------------------------------------------------------
>> ---
>>
>>
>
>
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> Get fast access to your favorite Yahoo! Groups. Make Yahoo! your
> home page
> http://us.click.yahoo.com/dpRU5A/wUILAA/yQLSAA/ELTolB/TM
> ------------------------------------------------------------------
> ~->
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>

# 3712. Re: [TS-850_450_690]Outdoor buried coax

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 15:42:31 UTC
From: n7ioh
Topic: 3708  Message: 3712

Hi Paul, two thoughts on the chipmunks. One, try posting no chipmunks allowed signs and see if that works. Two, I have heard that placing moth balls in areas you don't want critters to nest in works but I don't know if the moth balls would have any affect on the coax such as deterioration. Maybe a combination of one and two?

Al, n7ioh

Paul wrote:

>OK ;))
>
>On that light - I have just moved to this QTH and right now I have 5
>pieces of coax lying in the grass with orders to my son to not mow over
>the coax - so the yard looks like it has a Mohawk haircut to the garage.
>
>I had thought of burying the coax but was told that it would not survive
>the winter heave. Thought of putting in a 4"-ish piece of PVC but I'm
>afraid that it will fill with water and freeze, or that chipmunks will
>get inside and chew up the coax to make new "digs".
>
>Any suggestions.
>
>KD5SFA wrote:
>
>

# 3713. Re: [TS-850_450_690]Outdoor buried coax

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 15:55:42 UTC
From: Bill K0ZL
Topic: 3708  Message: 3713

Leave it flat on the ground. if undisturbed, the grass
will grow over it and there will be no problem with
the mower. Also set the mower a little higher; it's
better for your lawn anyway.

bill

--- Paul <condor@...> wrote:

> OK ;))
>
> On that light - I have just moved to this QTH and
> right now I have 5
> pieces of coax lying in the grass with orders to my
> son to not mow over
> the coax - so the yard looks like it has a Mohawk
> haircut to the garage.
>
> I had thought of burying the coax but was told that
> it would not survive
> the winter heave. Thought of putting in a 4"-ish
> piece of PVC but I'm
> afraid that it will fill with water and freeze, or
> that chipmunks will
> get inside and chew up the coax to make new "digs".
>
> Any suggestions.
>
> KD5SFA wrote:
>
> > Probably because that is where it started as a
> general
> > comment on my part due to a recent yardwork
> incident.
> >
> > 73,Jon
> > KD5SFA
> >
> > -----Original Message-----
> > From: Paul <condor@...>
> > Sent: Oct 20, 2005 9:59 AM
> > To: TS-850_450_690@yahoogroups.com
> > Subject: Re: [TS-850_450_690] Anyone interested in
> a group net?
> >
> > This is a good thread, but why is it traveling

> around under the title of
> > "Group net"??
> >
> > Paul - K2BK
> >
> > KD5SFA wrote:
> >
> > > I like that idea....the grey pvc is more UV
> resistant
> > > than the white is so it should last longer to.
> That and
> > > the heliax likes a nice gradual bend...about 11"
> radius
> > > if I recall....not to mention leaving at least
> one or two
> > > pull lines in there for future expansion the
> curved elbows
> > > will make pulling new coax so much easier.
> > >
> > > Thanks for the idea Bill !!
> > >
> > > 73,
> > > Jon
> > > KD5SFA
> > >
> > > -----Original Message-----
> > > From: Bill K0ZL <coorsbill@...>
> > > Sent: Oct 19, 2005 6:53 PM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: Re: [TS-850_450_690] Anyone interested
> in a group net?
> > >
> > > Instead of a 90 deg elbow common to plumbing
> PVC, use
> > > the electrical PVC conduit elbow instead. Has a
> big
> > > radius that the 7/8 will navigate easily.
> > >
> > > b
> > >
> > >
> > > --- KD5SFA <divenut1@...> wrote:
> > >
> > > > I was going to try that and see how the
> analyzer
> > > > reacted
> > > > before hooking it up to anything else. If it
> looks
> > > > bad I'll
> > > > just drag out an extra coil of RG-8 and

> replace that
> > > > section.
> > > > >
> > > > I guess I'll need to take the time to dig that
> > > > trench and lay some
> > > > 4" PVC between the hose and tower to run coax
> in.
> > > > I'm not sure
> > > > how I'll handle my 7/8" heliax when I get
> that.
> > > > >
> > > > 73,
> > > > Jon
> > > > KD5SFA
> > > > >
> > > > -----Original Message-----
> > > > From: Bill K0ZL <coorsbill@...>
> > > > Sent: Oct 19, 2005 8:32 AM
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Subject: Re: [TS-850_450_690] Anyone
> interested in a
> > > > group net?
> > > > >
> > > > Just tape the heck out of it and call it good!
> hi...
> > > > >
> > > > >
> > > > I have a couple such "bandages" on my 20M loop
> > > > feedline. I use Scotch brand type 70 silicone
> tape,
> > > > then 33 on top of that. Never fails.
> > > > >
> > > > b
> > > > >
> > > > >
> > > > --- KD5SFA <divenut1@...> wrote:
> > > > >
> > > > > Not quite Bill...caught it with my weed
> eater
> > > > using
> > > > > a brush blade.
> > > > > The mower would have chewed it to pieces as
> it has
> > > > > two blades.
> > > > > Takes a lot to stall that 17hp Briggs....
> > > > > Still ticked me off...especially when I had
> 3
> > > > hours
> > > > > to go to get that
> > > > > part of the yardwork done. I know it got

> the
> > > > jacket
> > > > > and part of the
> > > > > braid.
> > > > >
> > > > > Jon
> > > > >
> > > > > -----Original Message-----
> > > > > From: Bill K0ZL <coorsbill@...>
> > > > > Sent: Oct 18, 2005 8:18 PM
> > > > > To: TS-850_450_690@yahoogroups.com
> > > > > Subject: Re: [TS-850_450_690] Anyone
> interested in
> > > > a
> > > > > group net?
> > > > >
> > > > > "More than a nick".. He wrapped it clear
> around
> > > > the
> > > > > MTD mower blade and stalled the motor! hi
> hi!
> > > > >
> > > > > bill
> > > > >
> > > > > --- KD5SFA <divenut1@...> wrote:
> > > > >
> > > > > > Sounds good to me.
> > > > > > I may have to replace a chunk of coax
> first....I
> > > > > > nicked it,
> > > > > > well it may be more than a nick, while
> doing
> > > yard
> > > > > > work
> > > > > > the other day. Thank goodness for spare
> coax
> > > !!!
> > > > > >
> > > > > > 73,Jon
> > > > > > KD5SFA
> > > > > >
> > > > > > -----Original Message-----
> > > > > > From: Paul <condor@...>
> > > > > > Sent: Oct 18, 2005 1:47 PM
> > > > > > To: TS-850_450_690@yahoogroups.com
> > > > > > Subject: Re: [TS-850_450_690] Anyone
> interested
> > > in
> > > > > a
> > > > > > group net?

> > > > > >
> > > > > > Sure...
> > > > > > >
> > > > > > I'll check in (if propagation allows).
> > > > > > >
> > > > > > Paul - K2BK
> > > > > > >
> > > > > > max_ve3tmt wrote:
> > > > > > >
> > > > > > > Just curious if anyone is interested in
> a
> > > > weekly
> > > > > > net for the members
> > > > > > > of the group. I'm open to suggestions as
> to
>
=== message truncated ===

When in doubt, MODIFY...

# 3714. Re: [TS-850_450_690]Outdoor buried coax

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 16:01:05 UTC
From: Paul
Topic: 3708  Message: 3714

Well... that's what I thought.
Plus being fundamentally lazy, I figure that if it's doing OK where it
is, just
leave it and do something else that's important, like playing radio.

But the better half says it looks "Icky", and she is an extra class ham
too!!!

Wymin, go figure!

Paul - K2BK

Bill K0ZL wrote:

> Leave it flat on the ground. if undisturbed, the grass
> will grow over it and there will be no problem with
> the mower. Also set the mower a little higher; it's
> better for your lawn anyway.
>
> bill
>
>
> --- Paul <condor@...> wrote:
>
> > OK ;))
> >
> > On that light - I have just moved to this QTH and
> > right now I have 5
> > pieces of coax lying in the grass with orders to my
> > son to not mow over
> > the coax - so the yard looks like it has a Mohawk
> > haircut to the garage.
> >
> > I had thought of burying the coax but was told that
> > it would not survive
> > the winter heave. Thought of putting in a 4"-ish
> > piece of PVC but I'm
> > afraid that it will fill with water and freeze, or
> > that chipmunks will
> > get inside and chew up the coax to make new "digs".
> >
> > Any suggestions.
> >
> > KD5SFA wrote:
> >
> > > Probably because that is where it started as a

> > general
> > > comment on my part due to a recent yardwork
> > incident.
> > >
> > > 73,Jon
> > > KD5SFA
> > >
> > > -----Original Message-----
> > > From: Paul <condor@...>
> > > Sent: Oct 20, 2005 9:59 AM
> > > To: TS-850_450_690@yahoogroups.com
> > > Subject: Re: [TS-850_450_690] Anyone interested in
> > a group net?
> > >
> > > This is a good thread, but why is it traveling
> > around under the title of
> > > "Group net"??
> > >
> > > Paul - K2BK
> > >
> > > KD5SFA wrote:
> > >
> > > > I like that idea....the grey pvc is more UV
> > resistant
> > > > than the white is so it should last longer to.
> > That and
> > > > the heliax likes a nice gradual bend...about 11"
> > radius
> > > > if I recall....not to mention leaving at least
> > one or two
> > > > pull lines in there for future expansion the
> > curved elbows
> > > > will make pulling new coax so much easier.
> > > >
> > > > Thanks for the idea Bill !!
> > > >
> > > > 73,
> > > > Jon
> > > > KD5SFA
> > > >
> > > > -----Original Message-----
> > > > From: Bill K0ZL <coorsbill@...>
> > > > Sent: Oct 19, 2005 6:53 PM
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Subject: Re: [TS-850_450_690] Anyone interested
> > in a group net?
> > > >
> > > > Instead of a 90 deg elbow common to plumbing
> > PVC, use
> > > > the electrical PVC conduit elbow instead. Has a

> > big
> > > > radius that the 7/8 will navigate easily.
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> > > > > b
> > > > >
> > > > >
> > > > > --- KD5SFA <divenut1@...> wrote:
> > > > >
> > > > > > I was going to try that and see how the
> > analyzer
> > > > > > reacted
> > > > > > before hooking it up to anything else. If it
> > looks
> > > > > > bad I'll
> > > > > > just drag out an extra coil of RG-8 and
> > replace that
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> > > > > > I guess I'll need to take the time to dig that
> > > > > > trench and lay some
> > > > > > 4" PVC between the hose and tower to run coax
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> > > > > > how I'll handle my 7/8" heliax when I get
> > that.
> > > > > > >
> > > > > > 73,
> > > > > > Jon
> > > > > > KD5SFA
> > > > > > >
> > > > > > -----Original Message-----
> > > > > > From: Bill K0ZL <coorsbill@...>
> > > > > > Sent: Oct 19, 2005 8:32 AM
> > > > > > To: TS-850_450_690@yahoogroups.com
> > > > > > Subject: Re: [TS-850_450_690] Anyone
> > interested in a
> > > > > > group net?
> > > > > > >
> > > > > > Just tape the heck out of it and call it good!
> > hi...
> > > > > > >
> > > > > > >
> > > > > > I have a couple such "bandages" on my 20M loop
> > > > > > feedline. I use Scotch brand type 70 silicone
> > tape,
> > > > > > then 33 on top of that. Never fails.
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> > > > > > b
> > > > > > >
> > > > > > >

> > > > > --- KD5SFA <divenut1@...> wrote:
> > > > >
> > > > > > Not quite Bill...caught it with my weed
> > eater
> > > > > > using
> > > > > > > a brush blade.
> > > > > > > The mower would have chewed it to pieces as
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> > > > > > > two blades.
> > > > > > > Takes a lot to stall that 17hp Briggs....
> > > > > > > Still ticked me off...especially when I had
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> > > > > > hours
> > > > > > > to go to get that
> > > > > > > part of the yardwork done. I know it got
> > the
> > > > > > jacket
> > > > > > > and part of the
> > > > > > > braid.
> > > > > > >
> > > > > > > Jon
> > > > > > >
> > > > > > > -----Original Message-----
> > > > > > > From: Bill K0ZL <coorsbill@...>
> > > > > > > Sent: Oct 18, 2005 8:18 PM
> > > > > > > To: TS-850_450_690@yahoogroups.com
> > > > > > > Subject: Re: [TS-850_450_690] Anyone
> > interested in
> > > > > > a
> > > > > > > group net?
> > > > > > >
> > > > > > > "More than a nick".. He wrapped it clear
> > around
> > > > > > the
> > > > > > > MTD mower blade and stalled the motor! hi
> > hi!
> > > > > > >
> > > > > > > bill
> > > > > > >
> > > > > > > --- KD5SFA <divenut1@...> wrote:
> > > > > > >
> > > > > > > > Sounds good to me.
> > > > > > > > I may have to replace a chunk of coax
> > first....I
> > > > > > > nicked it,
> > > > > > > > well it may be more than a nick, while
> > doing
> > > > > > yard
> > > > > > > work
> > > > > > > > the other day. Thank goodness for spare

> > coax
> > > > > !!!
> > > > > > >
> > > > > > > 73,Jon
> > > > > > > KD5SFA
> > > > > > >
> > > > > > > -----Original Message-----
> > > > > > > From: Paul <condor@...>
> > > > > > > Sent: Oct 18, 2005 1:47 PM
> > > > > > > To: TS-850_450_690@yahoogroups.com
> > > > > > > Subject: Re: [TS-850_450_690] Anyone
> > interested
> > > > > > in
> > > > > > > a
> > > > > > > group net?
> > > > > > >
> > > > > > > Sure...
> > > > > > >
> > > > > > > I'll check in (if propagation allows).
> > > > > > >
> > > > > > > Paul - K2BK
> > > > > > >
> > > > > > > max_ve3tmt wrote:
> > > > > > >
> > > > > > > > Just curious if anyone is interested in
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> > > > > weekly
> > > > > > > net for the members
> > > > > > > > of the group. I'm open to suggestions as
> > to
> >
> === message truncated ===
>
>
>
> When in doubt, MODIFY...
>
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
> ------------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690

> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ------------------------------------------------------------------------
>

# 3715. Hose to tower (was Re: Anyone interested in a group net?)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 16:49:10 UTC
From: Dave
Topic: 3666  Message: 3715

ROLAND!!! You've done it bloke!!! You solved my problem!!!

If I feed my rotor cable inside ordinary garden hose, then it is now protected from the sun. And so would be the 100BaseT cable that I wish to run from the house to the shack.

Thank you! Thank you! Thank you! Thank you! Thank you!

W8NF

--- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@h...> wrote:
>
> (snip)
>
> BTW do you realy run your coax from the "hose to tower" I
> thought you are trying to keep it dry HI HI.
>
> Roland AH6RR
>
>
>

# 3716. Re: [TS-850_450_690] Hose to tower (was Re: Anyone interested in a group net?)

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 16:49:25 UTC
From: Paul
Topic: 3666  Message: 3716

HA!!! I love it - youz guys are crazy ;)))))

Paul - K2BK

Dave wrote:

> ROLAND!!! You've done it bloke!!! You solved my problem!!!
>
> If I feed my rotor cable inside ordinary garden hose, then it is now
> protected from the sun. And so would be the 100BaseT cable that I
> wish to run from the house to the shack.
>
> Thank you! Thank you! Thank you! Thank you! Thank you!
>
> W8NF
>
> --- In TS-850_450_690@yahoogroups.com, "ah6rr1" <Toesonnose@h...> wrote:
> >
> > (snip)
> >
> > BTW do you realy run your coax from the "hose to tower" I
> > thought you are trying to keep it dry HI HI.
> >
> > Roland AH6RR
> >
> >
> >
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
> ------------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>

>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ------------------------------------------------------------------------
>

# 3717. Re: Anyone interested in a group net?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 16:50:48 UTC
From: Dave
Topic: 3666  Message: 3717

Frank thank you for the reminder. 40 meters is a patchwork quilt (as
is 80 and 160) and finding a frequency where all can use is a challenge.

W8NF

--- In TS-850_450_690@yahoogroups.com, Frank Heffner
<heffnerworks@y...> wrote:
>
> Hi all,
>
> I would like to agree with 20 meters for several reasons. First of
all,there are Kenwood owners all over the world and among us there is
a high percentage of TS-850 owners. Those of us who live in
Europe(except for the U.K.) as I do can not operate above 7100 MHz.
My suggestion would be to operate on 7280 for the state side and
Canadian guys and have a frequency on 20 for the world wide net. The
two nets could be on the same day at different times or on different
days at different times. 10 and 15 would not be a viable option as we
are bottoming out in the sun spot cycle. I think once we got a net
going with a small group of Kenwood owners it would take off in due
time. Even none owners could jump in have a go. Sounds like we could
have a lot of fun. Just because we only have 11 votes so far, don't
think there isn't any interest or we are not reading the mail!
>
> Best 73 to all the group, Frank
> WI2R,DL1RW,OE7RWI
>
> max_ve3tmt <max_ve3tmt@y...> wrote:
> --- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
> >
> > Let me try this again as it looks like my earlier post of
almost 3
> > 1/2 hours still has not been posted and I have no clue why or
where it
> > could be.
> >
> > Hi all, I would have to agree that 20 meters would most likely be
> > our best bet for a world wide weekly net. I just checked to see what
> > our current membership is and it was 629 members. That would make
one
> > heck of a round table, hi hi. Something else to consider is if the
> > group was to be able to meet at a time and day that falls on the
> weekend
> > everywhere there would be less of a conflict for those who have to
> > work. Here is another thought, we could have 2 weekly nets at

> different
> > times so as to accommodate more of out members. Maybe some of you
who
> > do a lot of DX chasing could recommend some good times and days that
> > might be better for our group to meet. I don't normally operate
on 20
> > meters, I'm more of a 40 and 75 meter guy so I don't know what
> > frequencies or times would be best to use there. I just voted on the
> > band choice and I see only 11 of us have voted so far. I would think
> > the more votes received, the higher the interest in starting a
net. If
> > only 10 or 20 members out of over 600 members want a net that's not a
> > very good showing. Just my thoughts on the group net.
> > Al, n7ioh
>
>
> I agree Al, only 12 replies so far. Cast your vote guys, don't be shy.
> I think it would be great to "talk" to each other on the air.
>
> Max
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@Y...
>
>
>
> SPONSORED LINKS
> Ham radio antenna Ham radio Ham radio sales Ham radio store
>
> ---------------------------------
> YAHOO! GROUPS LINKS
>
>
> Visit your group "TS-850_450_690" on the web.
>
> To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> Your use of Yahoo! Groups is subject to the Yahoo! Terms of
Service.
>
>
> ---------------------------------
>
>
>
>

>
>
> ---------------------------------
> Yahoo! Music Unlimited - Access over 1 million songs. Try it free.
>
> [Non-text portions of this message have been removed]
>

# 3718. Re: Outdoor buried coax

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 16:56:54 UTC
From: Dave
Topic: 3708  Message: 3718

That's a variation of a popular way to install radials:

1) Mow grass very short, using a bag
2) Rake like crazy to get up even the grass clippings that you thought
the mower was bagging
3) Lay radials or coax on ground. Use 1" staples to hold it in place.
Unplated steel is best - you want them to rust.
4) Fertilize and water thorougly for a few months. Note that this is
in direct contrast to my normal advice on grass, which is to use zero
fertilizer, which makes it not require water, and also not require
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in a CC&R-controlled neighborhood, but if you live in one of those,
you probably can't have antennas, either
5) Raise up mower, use in mulch mode.

After two mowings, even you will have difficulty finding the radials/coax.

In my present QTH, my plan is to hoist the vertical up in the air.
But temporarily it's on the ground with radials simply laid atop the
existing grass (more properly described as mowed weeds). During the
summer, with no water or fertilizer, we only had to mow once. But
when I went to roll up the radials, I had difficulty finding them,
even though I'd not attempted to make it difficult.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
>
> Leave it flat on the ground. if undisturbed, the grass
> will grow over it and there will be no problem with
> the mower. Also set the mower a little higher; it's
> better for your lawn anyway.
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>
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> --- Paul <condor@m...> wrote:
>
> > OK ;))
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> > On that light - I have just moved to this QTH and
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> > haircut to the garage.

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> > I had thought of burying the coax but was told that
> > it would not survive
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> > afraid that it will fill with water and freeze, or
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> > get inside and chew up the coax to make new "digs".
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> > Any suggestions.
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> > KD5SFA wrote:
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> > > Probably because that is where it started as a
> > general
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> > incident.
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> > > > 73,Jon
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> > > > From: Paul <condor@m...>
> > > > Sent: Oct 20, 2005 9:59 AM
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Subject: Re: [TS-850_450_690] Anyone interested in
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> > > > > This is a good thread, but why is it traveling
> > around under the title of
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> > > > > > pull lines in there for future expansion the
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> > > > 73,
> > > > Jon
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> > > > Sent: Oct 19, 2005 6:53 PM
> > > > To: TS-850_450_690@yahoogroups.com
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> > > > Instead of a 90 deg elbow common to plumbing
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> > > > radius that the 7/8 will navigate easily.
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> > > > > before hooking it up to anything else. If it
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> > > > > bad I'll
> > > > > just drag out an extra coil of RG-8 and
> > replace that
> > > > > section.
> > > > >
> > > > > I guess I'll need to take the time to dig that
> > > > > trench and lay some
> > > > > 4" PVC between the hose and tower to run coax
> > in.
> > > > > I'm not sure
> > > > > how I'll handle my 7/8" heliax when I get
> > that.
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> > > > > 73,
> > > > > Jon
> > > > > KD5SFA
> > > > >
> > > > > -----Original Message-----
> > > > > From: Bill K0ZL <coorsbill@y...>
> > > > > Sent: Oct 19, 2005 8:32 AM
> > > > > To: TS-850_450_690@yahoogroups.com
> > > > > Subject: Re: [TS-850_450_690] Anyone
> > interested in a

> > > > > group net?
> > > > >
> > > > > Just tape the heck out of it and call it good!
> > hi...
> > > > >
> > > > >
> > > > > I have a couple such "bandages" on my 20M loop
> > > > > feedline. I use Scotch brand type 70 silicone
> > tape,
> > > > > then 33 on top of that. Never fails.
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> > > > > b
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> > > > >
> > > > > > Not quite Bill...caught it with my weed
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> > > > > > a brush blade.
> > > > > > The mower would have chewed it to pieces as
> > it has
> > > > > > two blades.
> > > > > > Takes a lot to stall that 17hp Briggs....
> > > > > > Still ticked me off...especially when I had
> > 3
> > > > > hours
> > > > > > to go to get that
> > > > > > part of the yardwork done. I know it got
> > the
> > > > > jacket
> > > > > > and part of the
> > > > > > braid.
> > > > > >
> > > > > > Jon
> > > > > >
> > > > > > -----Original Message-----
> > > > > > From: Bill K0ZL <coorsbill@y...>
> > > > > > Sent: Oct 18, 2005 8:18 PM
> > > > > > To: TS-850_450_690@yahoogroups.com
> > > > > > Subject: Re: [TS-850_450_690] Anyone
> > interested in
> > > > > a
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> > > > > > "More than a nick".. He wrapped it clear
> > around
> > > > > the
> > > > > > MTD mower blade and stalled the motor! hi
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> > > > > >
> > > > > > bill
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> > > > > > > >
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> > > > > > > From: Paul <condor@m...>
> > > > > > > Sent: Oct 18, 2005 1:47 PM
> > > > > > > To: TS-850_450_690@...m
> > > > > > > Subject: Re: [TS-850_450_690] Anyone
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> > > > > > > Sure...
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> > > > > > > > Just curious if anyone is interested in
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> > === message truncated ===
>
>
>
> When in doubt, MODIFY...

>

# 3719. Buried Coax

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 19:47:44 UTC
From: aa0bl
Topic: 3719  Message: 3719

When you lay out your PVC run, try using 2-45 degree bends with about a foot of straight pipe between to make a 90 degree bend. It sure makes it a lot easier to pull the run of coax. I prefer to use thin wall 4" PVC. It has been in the ground about 20 years with no difficulties.

Art, AA0BL

# 3720. Re: [TS-850_450_690] Re: Outdoor buried coax

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 20:24:18 UTC
From: Eric
Topic: 3708  Message: 3720

Just out of curiosity as I have been considering a better rf ground system than currently in place, are the radials bare Cu wire or do you leave the shielding on?

KR9W,
Eric

Dave wrote:

>That's a variation of a popular way to install radials:
>
>1) Mow grass very short, using a bag
>2) Rake like crazy to get up even the grass clippings that you thought
>the mower was bagging
>3) Lay radials or coax on ground. Use 1" staples to hold it in place.
> Unplated steel is best - you want them to rust.
>4) Fertilize and water thorougly for a few months. Note that this is
>in direct contrast to my normal advice on grass, which is to use zero
>fertilizer, which makes it not require water, and also not require
>water. I call this "God's own landscaping". Not allowed if you live
>in a CC&R-controlled neighborhood, but if you live in one of those,
>you probably can't have antennas, either
>5) Raise up mower, use in mulch mode.
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>After two mowings, even you will have difficulty finding the radials/coax.
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>In my present QTH, my plan is to hoist the vertical up in the air.
>But temporarily it's on the ground with radials simply laid atop the
>existing grass (more properly described as mowed weeds). During the
>summer, with no water or fertilizer, we only had to mow once. But
>when I went to roll up the radials, I had difficulty finding them,
>even though I'd not attempted to make it difficult.
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>Dave W8NF
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>--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
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>>Leave it flat on the ground. if undisturbed, the grass
>>will grow over it and there will be no problem with
>>the mower. Also set the mower a little higher; it's
>>better for your lawn anyway.
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>>>On that light - I have just moved to this QTH and
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>>>I had thought of burying the coax but was told that
>>>it would not survive
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>>>afraid that it will fill with water and freeze, or
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>>>>From: Paul <condor@m...>
>>>>Sent: Oct 20, 2005 9:59 AM
>>>>To: TS-850_450_690@yahoogroups.com
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>>>>>>Sent: Oct 19, 2005 8:32 AM
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>>When in doubt, MODIFY...
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>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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>

# 3721. Re: [TS-850_450_690] Re: Outdoor buried coax

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 20:25:09 UTC
From: Paul
Topic: 3708  Message: 3721

Shielding ON

Paul - K2BK
Eric wrote:

> Just out of curiosity as I have been considering a better rf ground
> system than currently in place, are the radials bare Cu wire or do you
> leave the shielding on?
>
> KR9W,
> Eric
>
> Dave wrote:
>
> >That's a variation of a popular way to install radials:
> >
> >1) Mow grass very short, using a bag
> >2) Rake like crazy to get up even the grass clippings that you thought
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> >3) Lay radials or coax on ground. Use 1" staples to hold it in place.
> > Unplated steel is best - you want them to rust.
> >4) Fertilize and water thorougly for a few months. Note that this is
> >in direct contrast to my normal advice on grass, which is to use zero
> >fertilizer, which makes it not require water, and also not require
> >water. I call this "God's own landscaping". Not allowed if you live
> >in a CC&R-controlled neighborhood, but if you live in one of those,
> >you probably can't have antennas, either
> >5) Raise up mower, use in mulch mode.
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> radials/coax.
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> >In my present QTH, my plan is to hoist the vertical up in the air.
> >But temporarily it's on the ground with radials simply laid atop the
> >existing grass (more properly described as mowed weeds). During the
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> >Dave W8NF
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> >--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
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> >>will grow over it and there will be no problem with
> >>the mower. Also set the mower a little higher; it's
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> >>>>-----Original Message-----

> >>>>From: Paul <condor@m...>
> >>>>Sent: Oct 20, 2005 9:59 AM
> >>>>To: TS-850_450_690@yahoogroups.com
> >>>>Subject: Re: [TS-850_450_690] Anyone interested in
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> >>>interested in a
> >>>
> >>>
> >>>>>>group net?
> >>>>>>
> >>>>>>Just tape the heck out of it and call it good!
> >>>>>>
> >>>>>>
> >>>hi...
> >>>

> >>>
> >>>>>I have a couple such "bandages" on my 20M loop
> >>>>>feedline. I use Scotch brand type 70 silicone
> >>>>>
> >>>>>
> >>>tape,
> >>>
> >>>
> >>>>>then 33 on top of that. Never fails.
> >>>>>
> >>>>>b
> >>>>>
> >>>>>
> >>>>>--- KD5SFA <divenut1@s...> wrote:
> >>>>>
> >>>>>
> >>>>>
> >>>>>Not quite Bill...caught it with my weed
> >>>>>
> >>>>>
> >>>eater
> >>>
> >>>
> >>>>>using
> >>>>>
> >>>>>
> >>>>>a brush blade.
> >>>>>The mower would have chewed it to pieces as
> >>>>>
> >>>>>
> >>>it has
> >>>
> >>>
> >>>>>two blades.
> >>>>>Takes a lot to stall that 17hp Briggs....
> >>>>>Still ticked me off...especially when I had
> >>>>>
> >>>>>
> >>>3
> >>>
> >>>
> >>>>>hours
> >>>>>
> >>>>>
> >>>>>to go to get that
> >>>>>part of the yardwork done. I know it got
> >>>>>
> >>>>>
> >>>the
> >>>

> >>>
> >>>>>>jacket
> >>>>>>
> >>>>>>
> >>>>>>>and part of the
> >>>>>>>braid.
> >>>>>>>
> >>>>>>>Jon
> >>>>>>>
> >>>>>>>-----Original Message-----
> >>>>>>>From: Bill K0ZL <coorsbill@y...>
> >>>>>>>Sent: Oct 18, 2005 8:18 PM
> >>>>>>>To: TS-850_450_690@yahoogroups.com
> >>>>>>>Subject: Re: [TS-850_450_690] Anyone
> >>>>>>>
> >>>>>>>
> >>>interested in
> >>>
> >>>
> >>>>>>a
> >>>>>>
> >>>>>>
> >>>>>>>group net?
> >>>>>>>
> >>>>>>>"More than a nick".. He wrapped it clear
> >>>>>>>
> >>>>>>>
> >>>around
> >>>
> >>>
> >>>>>>the
> >>>>>>
> >>>>>>
> >>>>>>>MTD mower blade and stalled the motor! hi
> >>>>>>>
> >>>>>>>
> >>>hi!
> >>>
> >>>
> >>>>>>>bill
> >>>>>>>
> >>>>>>>--- KD5SFA <divenut1@s...> wrote:
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>Sounds good to me.
> >>>>>>>I may have to replace a chunk of coax
> >>>>>>>
> >>>>>>>
> >>>first....I

> >>>
> >>>
> >>>>>>>>nicked it,
> >>>>>>>>well it may be more than a nick, while
> >>>>>>>>
> >>>>>>>>
> >>>doing
> >>>
> >>>
> >>>>>yard
> >>>>>
> >>>>>
> >>>>>>>>work
> >>>>>>>>the other day. Thank goodness for spare
> >>>>>>>>
> >>>>>>>>
> >>>coax
> >>>
> >>>
> >>>>>!!!
> >>>>>
> >>>>>
> >>>>>>>>73,Jon
> >>>>>>>>KD5SFA
> >>>>>>>>
> >>>>>>>>-----Original Message-----
> >>>>>>>>From: Paul <condor@m...>
> >>>>>>>>Sent: Oct 18, 2005 1:47 PM
> >>>>>>>>To: TS-850_450_690@yahoogroups.com
> >>>>>>>>Subject: Re: [TS-850_450_690] Anyone
> >>>>>>>>
> >>>>>>>>
> >>>interested
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> >>>
> >>>>>in
> >>>>>
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> >>>>>>>a
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> >>>>>>>>group net?
> >>>>>>>>
> >>>>>>>>Sure...
> >>>>>>>>
> >>>>>>>>I'll check in (if propagation allows).
> >>>>>>>>
> >>>>>>>>Paul - K2BK
> >>>>>>>>
> >>>>>>>>max_ve3tmt wrote:

> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>>Just curious if anyone is interested in
> >>>>>>>>>
> >>>>>>>>>
> >>>a
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> >>>
> >>>>>weekly
> >>>>>
> >>>>>
> >>>>>>>net for the members
> >>>>>>>
> >>>>>>>
> >>>>>>>>>of the group. I'm open to suggestions as
> >>>>>>>>>
> >>>>>>>>>
> >>>to
> >>>
> >>>
> >>>
> >>=== message truncated ===
> >>
> >>
> >>
> >>When in doubt, MODIFY...
> >>
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> >>
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> >
> >
> >THANKS FOR USING TS-850_450_690@...
> >Yahoo! Groups Links
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>
> THANKS FOR USING TS-850_450_690@...
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>
>
> SPONSORED LINKS
> Ham radio antenna
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+antenna&w1=Ham+radio+antenna&w2=Ham+radio
&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=IKueKpmXBkHn27U_Hvnh0g>
> Ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+
radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=bXokIJQ1t8owK72cN8w1qg>
> Ham radio sales
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio+antenna&w2=Ham+radio&w
3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=YBSykFO-4qT9Ui8DW2seAQ>
>
> Ham radio store
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+store&w1=Ham+radio+antenna&w2=Ham+radio&w
3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=m4oeX-8sH_eEqY01_uyWnw>
>
>
>
> ---------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ---------------------------------------------------------------------
>

# 3722. Re: Outdoor buried coax

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 22:59:12 UTC
From: Dave
Topic: 3708  Message: 3722

I've done both, and have noted no difference, except that bare copper degrades quickly.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Eric <kr9w@c...> wrote:
>
> Just out of curiosity as I have been considering a better rf ground
> system than currently in place, are the radials bare Cu wire or do you
> leave the shielding on?
>
> KR9W,
> Eric
>
> Dave wrote:
>
> >That's a variation of a popular way to install radials:
> >
> >1) Mow grass very short, using a bag
> >2) Rake like crazy to get up even the grass clippings that you thought
> >the mower was bagging
> >3) Lay radials or coax on ground. Use 1" staples to hold it in place.
> > Unplated steel is best - you want them to rust.
> >4) Fertilize and water thorougly for a few months. Note that this is
> >in direct contrast to my normal advice on grass, which is to use zero
> >fertilizer, which makes it not require water, and also not require
> >water. I call this "God's own landscaping". Not allowed if you live
> >in a CC&R-controlled neighborhood, but if you live in one of those,
> >you probably can't have antennas, either
> >5) Raise up mower, use in mulch mode.
> >
> >After two mowings, even you will have difficulty finding the
radials/coax.
> >
> >In my present QTH, my plan is to hoist the vertical up in the air.
> >But temporarily it's on the ground with radials simply laid atop the
> >existing grass (more properly described as mowed weeds). During the
> >summer, with no water or fertilizer, we only had to mow once. But
> >when I went to roll up the radials, I had difficulty finding them,
> >even though I'd not attempted to make it difficult.
> >
> >Dave W8NF
> >
> >--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:

> >
> >
> >>Leave it flat on the ground. if undisturbed, the grass
> >>will grow over it and there will be no problem with
> >>the mower. Also set the mower a little higher; it's
> >>better for your lawn anyway.
> >>
> >>bill
> >>
> >>
> >>--- Paul <condor@m...> wrote:
> >>
> >>
> >>
> >>>OK ;))
> >>>
> >>>On that light - I have just moved to this QTH and
> >>>right now I have 5
> >>>pieces of coax lying in the grass with orders to my
> >>>son to not mow over
> >>>the coax - so the yard looks like it has a Mohawk
> >>>haircut to the garage.
> >>>
> >>>I had thought of burying the coax but was told that
> >>>it would not survive
> >>>the winter heave. Thought of putting in a 4"-ish
> >>>piece of PVC but I'm
> >>>afraid that it will fill with water and freeze, or
> >>>that chipmunks will
> >>>get inside and chew up the coax to make new "digs".
> >>>
> >>>Any suggestions.
> >>>
> >>>KD5SFA wrote:
> >>>
> >>>
> >>>
> >>>>Probably because that is where it started as a
> >>>>
> >>>>
> >>>general
> >>>
> >>>
> >>>>comment on my part due to a recent yardwork
> >>>>
> >>>>
> >>>incident.
> >>>
> >>>
> >>>>73,Jon

> >>>>KD5SFA
> >>>>
> >>>>-----Original Message-----
> >>>>From: Paul <condor@m...>
> >>>>Sent: Oct 20, 2005 9:59 AM
> >>>>To: TS-850_450_690@yahoogroups.com
> >>>>Subject: Re: [TS-850_450_690] Anyone interested in
> >>>>
> >>>>
> >>>a group net?
> >>>
> >>>
> >>>>This is a good thread, but why is it traveling
> >>>>
> >>>>
> >>>around under the title of
> >>>
> >>>
> >>>>"Group net"??
> >>>>
> >>>>Paul - K2BK
> >>>>
> >>>>KD5SFA wrote:
> >>>>
> >>>>
> >>>>
> >>>>I like that idea....the grey pvc is more UV
> >>>>
> >>>>
> >>>resistant
> >>>
> >>>
> >>>>than the white is so it should last longer to.
> >>>>
> >>>>
> >>>That and
> >>>
> >>>
> >>>>the heliax likes a nice gradual bend...about 11"
> >>>>
> >>>>
> >>>radius
> >>>
> >>>
> >>>>if I recall....not to mention leaving at least
> >>>>
> >>>>
> >>>one or two
> >>>
> >>>
> >>>

> >>>>>pull lines in there for future expansion the
> >>>>>
> >>>>>
> >>>curved elbows
> >>>
> >>>
> >>>>>will make pulling new coax so much easier.
> >>>>>
> >>>>>Thanks for the idea Bill !!
> >>>>>
> >>>>>73,
> >>>>>Jon
> >>>>>KD5SFA
> >>>>>
> >>>>>-----Original Message-----
> >>>>>From: Bill K0ZL <coorsbill@y...>
> >>>>>Sent: Oct 19, 2005 6:53 PM
> >>>>>To: TS-850_450_690@yahoogroups.com
> >>>>>Subject: Re: [TS-850_450_690] Anyone interested
> >>>>>
> >>>>>
> >>>in a group net?
> >>>
> >>>
> >>>>>Instead of a 90 deg elbow common to plumbing
> >>>>>
> >>>>>
> >>>PVC, use
> >>>
> >>>
> >>>>>the electrical PVC conduit elbow instead. Has a
> >>>>>
> >>>>>
> >>>big
> >>>
> >>>
> >>>>>radius that the 7/8 will navigate easily.
> >>>>>
> >>>>>b
> >>>>>
> >>>>>
> >>>>>--- KD5SFA <divenut1@s...> wrote:
> >>>>>
> >>>>>
> >>>>>
> >>>>>I was going to try that and see how the
> >>>>>
> >>>>>
> >>>analyzer
> >>>

> >>>
> >>>>>>reacted
> >>>>>>before hooking it up to anything else. If it
> >>>>>>
> >>>>>>
> >>>looks
> >>>
> >>>
> >>>>>>bad I'll
> >>>>>>just drag out an extra coil of RG-8 and
> >>>>>>
> >>>>>>
> >>>replace that
> >>>
> >>>
> >>>>>>section.
> >>>>>>
> >>>>>>I guess I'll need to take the time to dig that
> >>>>>>trench and lay some
> >>>>>>4" PVC between the hose and tower to run coax
> >>>>>>
> >>>>>>
> >>>in.
> >>>
> >>>
> >>>>>>I'm not sure
> >>>>>>how I'll handle my 7/8" heliax when I get
> >>>>>>
> >>>>>>
> >>>that.
> >>>
> >>>
> >>>>>>73,
> >>>>>>Jon
> >>>>>>KD5SFA
> >>>>>>
> >>>>>>-----Original Message-----
> >>>>>>From: Bill K0ZL <coorsbill@y...>
> >>>>>>Sent: Oct 19, 2005 8:32 AM
> >>>>>>To: TS-850_450_690@yahoogroups.com
> >>>>>>Subject: Re: [TS-850_450_690] Anyone
> >>>>>>
> >>>>>>
> >>>interested in a
> >>>
> >>>
> >>>>>>group net?
> >>>>>>
> >>>>>>Just tape the heck out of it and call it good!
> >>>>>>

> >>>>>>
> >>>hi...
> >>>
> >>>
> >>>>>I have a couple such "bandages" on my 20M loop
> >>>>>feedline. I use Scotch brand type 70 silicone
> >>>>>
> >>>>>
> >>>tape,
> >>>
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> >>>>>then 33 on top of that. Never fails.
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> >>>>>b
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> >>>>>--- KD5SFA <divenut1@s...> wrote:
> >>>>>
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> >>>>>
> >>>>>Not quite Bill...caught it with my weed
> >>>>>>
> >>>>>>
> >>>eater
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> >>>>>using
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> >>>>>
> >>>>>a brush blade.
> >>>>>The mower would have chewed it to pieces as
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> >>>>>>
> >>>it has
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> >>>>>two blades.
> >>>>>Takes a lot to stall that 17hp Briggs....
> >>>>>Still ticked me off...especially when I had
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> >>>>>>
> >>>3
> >>>
> >>>
> >>>>>hours
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> >>>>>
> >>>>>to go to get that
> >>>>>part of the yardwork done. I know it got
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> >>>>>>>
> >>>the
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> >>>
> >>>>>>jacket
> >>>>>>
> >>>>>>
> >>>>>>>and part of the
> >>>>>>>braid.
> >>>>>>>
> >>>>>>>Jon
> >>>>>>>
> >>>>>>>-----Original Message-----
> >>>>>>>From: Bill K0ZL <coorsbill@y...>
> >>>>>>>Sent: Oct 18, 2005 8:18 PM
> >>>>>>>To: TS-850_450_690@yahoogroups.com
> >>>>>>>Subject: Re: [TS-850_450_690] Anyone
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> >>>interested in
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> >>>>>>>group net?
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> >>>>>>>"More than a nick".. He wrapped it clear
> >>>>>>>
> >>>>>>>
> >>>around
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> >>>>>>the
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> >>>>>>
> >>>>>>>MTD mower blade and stalled the motor! hi
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> >>>>>>>bill
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> >>>>>>>--- KD5SFA <divenut1@s...> wrote:
> >>>>>>>
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> >>>>>>>
> >>>>>>>Sounds good to me.
> >>>>>>>I may have to replace a chunk of coax

> >>>>>>>>
> >>>>>>>>
> >>>first....I
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> >>>>>>>>>nicked it,
> >>>>>>>>>well it may be more than a nick, while
> >>>>>>>>>
> >>>>>>>>>
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> >>>>>>>>>work
> >>>>>>>>>the other day. Thank goodness for spare
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> >>>>>>>>>
> >>>coax
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> >>>>>>>!!!
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> >>>>>>>
> >>>>>>>>>73,Jon
> >>>>>>>>>KD5SFA
> >>>>>>>>>
> >>>>>>>>>-----Original Message-----
> >>>>>>>>>From: Paul <condor@m...>
> >>>>>>>>>Sent: Oct 18, 2005 1:47 PM
> >>>>>>>>>To: TS-850_450_690@yahoogroups.com
> >>>>>>>>>Subject: Re: [TS-850_450_690] Anyone
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> >>>>>>>>>Sure...
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> >>>>>>>>Paul - K2BK
> >>>>>>>>
> >>>>>>>>max_ve3tmt wrote:
> >>>>>>>>
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> >>>>>>>
> >>>>>>>>of the group. I'm open to suggestions as
> >>>>>>>>>
> >>>>>>>>>
> >>>to
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> >>>
> >>>
> >>=== message truncated ===
> >>
> >>
> >>
> >>When in doubt, MODIFY...
> >>
> >>
> >>
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> >
> >
> >
> >
> >THANKS FOR USING TS-850_450_690@Y...
> >Yahoo! Groups Links
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# 3723. Re: [TS-850_450_690] Re: Outdoor buried coax

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-20 23:07:23 UTC
From: Eric
Topic: 3708  Message: 3723

.....so I guess lawn care consisting of plug aeration would be out of
the question in the area of laid ground wires?

Eric kr9w

Dave wrote:

>I've done both, and have noted no difference, except that bare copper
>degrades quickly.
>
>Dave W8NF
>
>--- In TS-850_450_690@yahoogroups.com, Eric <kr9w@c...> wrote:
>
>
>>Just out of curiosity as I have been considering a better rf ground
>>system than currently in place, are the radials bare Cu wire or do you
>>leave the shielding on?
>>
>>KR9W,
>>Eric
>>
>>Dave wrote:
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>>
>>>That's a variation of a popular way to install radials:
>>>
>>>1) Mow grass very short, using a bag
>>>2) Rake like crazy to get up even the grass clippings that you thought
>>>the mower was bagging
>>>3) Lay radials or coax on ground. Use 1" staples to hold it in place.
>>>Unplated steel is best - you want them to rust.
>>>4) Fertilize and water thorougly for a few months. Note that this is
>>>in direct contrast to my normal advice on grass, which is to use zero
>>>fertilizer, which makes it not require water, and also not require
>>>water. I call this "God's own landscaping". Not allowed if you live
>>>in a CC&R-controlled neighborhood, but if you live in one of those,
>>>you probably can't have antennas, either
>>>5) Raise up mower, use in mulch mode.
>>>
>>>After two mowings, even you will have difficulty finding the
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>radials/coax.
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>
>>>In my present QTH, my plan is to hoist the vertical up in the air.
>>>But temporarily it's on the ground with radials simply laid atop the
>>>existing grass (more properly described as mowed weeds). During the
>>>summer, with no water or fertilizer, we only had to mow once. But
>>>when I went to roll up the radials, I had difficulty finding them,
>>>even though I'd not attempted to make it difficult.
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>>>Dave W8NF
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>>>--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
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>wrote:
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>>>>Leave it flat on the ground. if undisturbed, the grass
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>>>>better for your lawn anyway.
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>>>>bill
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>>>>--- Paul <condor@m...> wrote:
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>>>>
>>>>>OK ;))
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>>>>>On that light - I have just moved to this QTH and
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>>>>>pieces of coax lying in the grass with orders to my
>>>>>son to not mow over
>>>>>the coax - so the yard looks like it has a Mohawk
>>>>>haircut to the garage.
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>>>>>I had thought of burying the coax but was told that
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>>>>>piece of PVC but I'm
>>>>>afraid that it will fill with water and freeze, or
>>>>>that chipmunks will
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>>>>>Any suggestions.
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>>>>>KD5SFA wrote:
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>>>>>>comment on my part due to a recent yardwork
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>>>>>>73,Jon
>>>>>>KD5SFA
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>>>>>>-----Original Message-----
>>>>>>From: Paul <condor@m...>
>>>>>>Sent: Oct 20, 2005 9:59 AM
>>>>>>To: TS-850_450_690@yahoogroups.com
>>>>>>Subject: Re: [TS-850_450_690] Anyone interested in
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>>>>>>>From: Bill K0ZL <coorsbill@y...>
>>>>>>>Sent: Oct 19, 2005 6:53 PM
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>>>>>>>Instead of a 90 deg elbow common to plumbing
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>>>>>>>>I was going to try that and see how the
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>>>>>>>>reacted
>>>>>>>>before hooking it up to anything else. If it
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>>>>>>>>bad I'll
>>>>>>>>just drag out an extra coil of RG-8 and
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>>>>>replace that
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>>>>>>>>section.
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>>>>>>>>I guess I'll need to take the time to dig that
>>>>>>>>trench and lay some
>>>>>>>>4" PVC between the hose and tower to run coax
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>>>>>>>>I'm not sure
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>>>>>>>>73,
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>>>>>>>>
>>>>>>>>-----Original Message-----
>>>>>>>>From: Bill K0ZL <coorsbill@y...>
>>>>>>>>Sent: Oct 19, 2005 8:32 AM
>>>>>>>>To: TS-850_450_690@yahoogroups.com
>>>>>>>>Subject: Re: [TS-850_450_690] Anyone
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>>>>>>>>
>>>>>interested in a
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>>>>>
>>>>>>>>group net?
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>>>>>>>>Just tape the heck out of it and call it good!
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>>>>>>>>
>>>>>hi...
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>>>>>>>>I have a couple such "bandages" on my 20M loop
>>>>>>>>feedline. I use Scotch brand type 70 silicone
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>>>>>tape,
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>>>>>>>>then 33 on top of that. Never fails.
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>>>>>>>>--- KD5SFA <divenut1@s...> wrote:
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>>>>>>>>>Not quite Bill...caught it with my weed
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>>>>>eater
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>>>>>
>>>>>>>>using
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>>>>>>>>
>>>>>>>>>a brush blade.
>>>>>>>>>The mower would have chewed it to pieces as
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>>>>>it has

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>>>>>>>>>>two blades.
>>>>>>>>>>Takes a lot to stall that 17hp Briggs....
>>>>>>>>>>Still ticked me off...especially when I had
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>>>>>>>>>hours
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>>>>>>>>>>to go to get that
>>>>>>>>>>part of the yardwork done. I know it got
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>>>>>the
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>>>>>>>>>jacket
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>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>>and part of the
>>>>>>>>>>braid.
>>>>>>>>>
>>>>>>>>>>Jon
>>>>>>>>>
>>>>>>>>>>-----Original Message-----
>>>>>>>>>>From: Bill K0ZL <coorsbill@y...>
>>>>>>>>>>Sent: Oct 18, 2005 8:18 PM
>>>>>>>>>>To: TS-850_450_690@yahoogroups.com
>>>>>>>>>>Subject: Re: [TS-850_450_690] Anyone
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>>>>>>>>>
>>>>>interested in
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>>>>>>>>>a
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>>>>>>>>>group net?
>>>>>>>>>
>>>>>>>>>"More than a nick".. He wrapped it clear
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>>>>>around
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>>>>>>>>>
>>>>>>>>>>MTD mower blade and stalled the motor! hi
>>>>>>>>>
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>>>>>>>>>bill
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>>>>>>>>>>I may have to replace a chunk of coax
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>>>>>>>>>>
>>>>>doing
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>>>>>
>>>>>>>>>>yard
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>>>>>>>>>
>>>>>>>>>>work
>>>>>>>>>>the other day. Thank goodness for spare
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>>>>>>>>>>
>>>>>coax
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>>>>>
>>>>>
>>>>>>>>>>!!!
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>>73,Jon
>>>>>>>>>>KD5SFA
>>>>>>>>>>
>>>>>>>>>>-----Original Message-----
>>>>>>>>>>From: Paul <condor@m...>
>>>>>>>>>>Sent: Oct 18, 2005 1:47 PM
>>>>>>>>>>To: TS-850_450_690@yahoogroups.com
>>>>>>>>>>Subject: Re: [TS-850_450_690] Anyone
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>>>>>interested
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>>>>>>>>>in
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>>>>>>>>>a
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>>>>>>>>>
>>>>>>>>>>group net?
>>>>>>>>>>
>>>>>>>>>>Sure...
>>>>>>>>>>
>>>>>>>>>>I'll check in (if propagation allows).
>>>>>>>>>>
>>>>>>>>>>Paul - K2BK
>>>>>>>>>>
>>>>>>>>>>max_ve3tmt wrote:
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>Just curious if anyone is interested in
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>>>>>>>>>>>
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>>>>>>a
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>>>>>>>>>>weekly
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>>>>>>>>>>net for the members
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>>>>>>>>>>>of the group. I'm open to suggestions as
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>>>>>to
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>>>>=== message truncated ===
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>>>>When in doubt, MODIFY...
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>>>THANKS FOR USING TS-850_450_690@Y...
>>>Yahoo! Groups Links
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3724. Re: Buried Coax

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-21 03:56:28 UTC
From: ab2et
Topic: 3719  Message: 3724

--- In TS-850_450_690@yahoogroups.com, "aa0bl" <aa0bl@m...> wrote:
>
> When you lay out your PVC run, try using 2-45 degree bends with
about
> a foot of straight pipe between to make a 90 degree bend. It sure
> makes it a lot easier to pull the run of coax. I prefer to use
thin
> wall 4" PVC. It has been in the ground about 20 years with no
> difficulties.
>
> Art, AA0BL
>
The best way to lay in Buried Coax for a low cost and easy solution
is to use the black flexi sprinkler pipe as the main conduit.
No need to cut and splice and then "meld" seal like in ridged PVC
conduit
The stuff is cost efficient easy to bury and last for years and
years even in ground heave conditions, just use your shop vac as a
blower to "blow in" a drag line light weight fishing line works well.
This "pipe" was made for shallow burial and will remain dry with
simple sealing techniques
Keep a foot or more above ground and you can use the plastic plugs
to water proof the run.
Check out the irrigation section of the local home improvement store
you will get a ton of
Ideas.
A good friend who lives in a "Condo Nazi" controlled sub division
was able to lay in a bunch of redials and a coax runs to tree
mounted stealth Windom when he had his "sprinkler" system overhauled
and they needed to lay in two new "replacement" runs.
While the repairs where in progress he had them quick trench in a
few "radials" that where built using rat shack five conductor rotor
cable ($13/100) that he cut down for five band use and then plsti
dip sealed.

73'
Steve
AB2ET

# 3725. Re: [TS-850_450_690] Re: Buried Coax

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-21 12:16:50 UTC
From: Bill K0ZL
Topic: 3719  Message: 3725

Some awesome ideas!

b

--- ab2et <ab2et@...> wrote:

> --- In TS-850_450_690@yahoogroups.com, "aa0bl"
> <aa0bl@m...> wrote:
> >
> > When you lay out your PVC run, try using 2-45
> degree bends with
> about
> > a foot of straight pipe between to make a 90
> degree bend. It sure
> > makes it a lot easier to pull the run of coax. I
> prefer to use
> thin
> > wall 4" PVC. It has been in the ground about 20
> years with no
> > difficulties.
> >
> > Art, AA0BL
> >
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> and easy solution
> is to use the black flexi sprinkler pipe as the main
> conduit.
> No need to cut and splice and then "meld" seal like
> in ridged PVC
> conduit
> The stuff is cost efficient easy to bury and last
> for years and
> years even in ground heave conditions, just use your
> shop vac as a
> blower to "blow in" a drag line light weight fishing
> line works well.
> This "pipe" was made for shallow burial and will
> remain dry with
> simple sealing techniques
> Keep a foot or more above ground and you can use the
> plastic plugs
> to water proof the run.
> Check out the irrigation section of the local home
> improvement store
> you will get a ton of
> Ideas.

> A good friend who lives in a "Condo Nazi" controlled
> sub division
> was able to lay in a bunch of redials and a coax
> runs to tree
> mounted stealth Windom when he had his "sprinkler"
> system overhauled
> and they needed to lay in two new "replacement"
> runs.
> While the repairs where in progress he had them
> quick trench in a
> few "radials" that where built using rat shack five
> conductor rotor
> cable ($13/100) that he cut down for five band use
> and then plsti
> dip sealed.
>
>
> 73'
> Steve
> AB2ET
>
>
>
>

When in doubt, MODIFY...

# 3726. Re: On-ground radials and separate TX/RX antennas.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-21 17:37:56 UTC
From: Dave
Topic: 3708  Message: 3726

I found that powdered laundry detergent seemed to provide the same
benefits as plug aeration and was easier.

I'd forgotten about aeration - that was definitely a big deal when I
lived in Colorado where there was so much clay in the soil. An
arborist counseled me on that, saying that if the lawn needed
aeration, it was a sign of poor drainage, which is made worse if you
use a mulching mower. So I started hiring a kid to mow and insisted
that he bag and discard the clippings, and the need to aerate went away.

In later years, I followed the advice of a Russian colleague: "Don't
put money into fertilizing and watering and mowing a crop that you can
not eat." Now we just enjoy whatever mother nature provides, cutting
the grass (more accurately described as indigenous weeds) only so that
the neighbors' cats can keep the rodent population in check.

If I were in an area that required aeration in order to maintain the
level of lawn that the neighborhood expected, I'd very definitely
focus on elevated radials!

Thinking of vertical systems, I want to be able to use separate RX/TX
antennas. I know that there's a mod for the TS-850 to allow a
separate RX antenna, but I'm wondering about the wisdom of it. The
annals of contesters include many stories of front-end damage caused
by a TX antenna coupling into an RX antenna, in a radio that may not
completely disable the RX section during TX. I'm thinking that a much
safer method would be to use the PTT line to drive an external relay
that switches between TX and RX antennas. This guarantees that the RX
section in the radio is at least as disconnected as Kenwood makes it,
and also guarantees that the RX antenna is connected to only the open
relay contact.

Anybody in the group have comments and/or experience in the matter?

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Eric <kr9w@c...> wrote:
>
> .....so I guess lawn care consisting of plug aeration would be out of
> the question in the area of laid ground wires?
>
> Eric kr9w
>
> Dave wrote:
>
> >I've done both, and have noted no difference, except that bare copper
> >degrades quickly.

> >
> >Dave W8NF
> >
> >--- In TS-850_450_690@yahoogroups.com, Eric <kr9w@c...> wrote:
> >
> >
> >>Just out of curiosity as I have been considering a better rf ground
> >>system than currently in place, are the radials bare Cu wire or do
you
> >>leave the shielding on?
> >>
> >>KR9W,
> >>Eric
> >>
> >>Dave wrote:
> >>
> >>
> >>
> >>>That's a variation of a popular way to install radials:
> >>>
> >>>1) Mow grass very short, using a bag
> >>>2) Rake like crazy to get up even the grass clippings that you
thought
> >>>the mower was bagging
> >>>3) Lay radials or coax on ground. Use 1" staples to hold it in
place.
> >>>Unplated steel is best - you want them to rust.
> >>>4) Fertilize and water thorougly for a few months. Note that this is
> >>>in direct contrast to my normal advice on grass, which is to use zero
> >>>fertilizer, which makes it not require water, and also not require
> >>>water. I call this "God's own landscaping". Not allowed if you live
> >>>in a CC&R-controlled neighborhood, but if you live in one of those,
> >>>you probably can't have antennas, either
> >>>5) Raise up mower, use in mulch mode.
> >>>
> >>>After two mowings, even you will have difficulty finding the
> >>>
> >>>
> >radials/coax.
> >
> >
> >>>In my present QTH, my plan is to hoist the vertical up in the air.
> >>>But temporarily it's on the ground with radials simply laid atop the
> >>>existing grass (more properly described as mowed weeds). During the
> >>>summer, with no water or fertilizer, we only had to mow once. But
> >>>when I went to roll up the radials, I had difficulty finding them,
> >>>even though I'd not attempted to make it difficult.
> >>>
> >>>Dave W8NF
> >>>

> >>>--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
> >>>
> >>>
> >wrote:
> >
> >
> >>>
> >>>
> >>>
> >>>
> >>>>Leave it flat on the ground. if undisturbed, the grass
> >>>>will grow over it and there will be no problem with
> >>>>the mower. Also set the mower a little higher; it's
> >>>>better for your lawn anyway.
> >>>>
> >>>>bill
> >>>>
> >>>>
> >>>>--- Paul <condor@m...> wrote:
> >>>>
> >>>>
> >>>>
> >>>>
> >>>>
> >>>>>OK ;))
> >>>>>
> >>>>>On that light - I have just moved to this QTH and
> >>>>>right now I have 5
> >>>>>pieces of coax lying in the grass with orders to my
> >>>>>son to not mow over
> >>>>>the coax - so the yard looks like it has a Mohawk
> >>>>>haircut to the garage.
> >>>>>
> >>>>>I had thought of burying the coax but was told that
> >>>>>it would not survive
> >>>>>the winter heave. Thought of putting in a 4"-ish
> >>>>>piece of PVC but I'm
> >>>>>afraid that it will fill with water and freeze, or
> >>>>>that chipmunks will
> >>>>>get inside and chew up the coax to make new "digs".
> >>>>>
> >>>>>Any suggestions.
> >>>>>
> >>>>>KD5SFA wrote:
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> >>>>>
> >>>>>>Probably because that is where it started as a

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> >>>>>>
> >>>>>>
> >>>>>general
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> >>>>>
> >>>>>>comment on my part due to a recent yardwork
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> >>>>>>
> >>>>>>
> >>>>>incident.
> >>>>>
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> >>>>>
> >>>>>
> >>>>>>73,Jon
> >>>>>>KD5SFA
> >>>>>>
> >>>>>>-----Original Message-----
> >>>>>>From: Paul <condor@m...>
> >>>>>>Sent: Oct 20, 2005 9:59 AM
> >>>>>>To: TS-850_450_690@yahoogroups.com
> >>>>>>Subject: Re: [TS-850_450_690] Anyone interested in
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>a group net?
> >>>>>
> >>>>>
> >>>>>
> >>>>>
> >>>>>>This is a good thread, but why is it traveling
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>around under the title of
> >>>>>
> >>>>>
> >>>>>
> >>>>>
> >>>>>>"Group net"??
> >>>>>>
> >>>>>>Paul - K2BK
> >>>>>>

> >>>>>>KD5SFA wrote:
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>>>>I like that idea....the grey pvc is more UV
> >>>>>>>>
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> >>>>>>>>
> >>>>>resistant
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> >>>>>>>>than the white is so it should last longer to.
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> >>>>>>>>
> >>>>>That and
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> >>>>>>>>the heliax likes a nice gradual bend...about 11"
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>radius
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> >>>>>>>>if I recall....not to mention leaving at least
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> >>>>>one or two
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> >>>>>>>>pull lines in there for future expansion the
> >>>>>>>>
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> >>>>>>>>

> >>>>>>>
> >>>>>curved elbows
> >>>>>
> >>>>>
> >>>>>
> >>>>>
> >>>>>>>will make pulling new coax so much easier.
> >>>>>>>
> >>>>>>>Thanks for the idea Bill !!
> >>>>>>>
> >>>>>>>73,
> >>>>>>>Jon
> >>>>>>>KD5SFA
> >>>>>>>
> >>>>>>>-----Original Message-----
> >>>>>>>From: Bill K0ZL <coorsbill@y...>
> >>>>>>>Sent: Oct 19, 2005 6:53 PM
> >>>>>>>To: TS-850_450_690@yahoogroups.com
> >>>>>>>Subject: Re: [TS-850_450_690] Anyone interested
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>in a group net?
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> >>>>>
> >>>>>
> >>>>>
> >>>>>>>Instead of a 90 deg elbow common to plumbing
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> >>>>>PVC, use
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> >>>>>>>the electrical PVC conduit elbow instead. Has a
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> >>>>>big
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> >>>>>
> >>>>>
> >>>>>
> >>>>>>>radius that the 7/8 will navigate easily.
> >>>>>>>

> >>>>>>>b
> >>>>>>>
> >>>>>>>
> >>>>>>>--- KD5SFA <divenut1@s...> wrote:
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> >>>>>>>>>I was going to try that and see how the
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> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>analyzer
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> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>>>reacted
> >>>>>>>>>>>before hooking it up to anything else. If it
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>looks
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>>>bad I'll
> >>>>>>>>>>>>>just drag out an extra coil of RG-8 and
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> >>>>>>>>>>>>>
> >>>>>>>>>>>>>
> >>>>>>>>>>>>>
> >>>>>>>>>>>>>replace that
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> >>>>>>>>>>>>>>>section.
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> >>>>>>>>>>>>>>>I guess I'll need to take the time to dig that
> >>>>>>>>>>>>>>>trench and lay some
> >>>>>>>>>>>>>>>4" PVC between the hose and tower to run coax
> >>>>>>>>>>>>>>>
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> >>>>>in.
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> >>>>>I'm not sure
> >>>>>>>how I'll handle my 7/8" heliax when I get
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> >>>>>>>
> >>>>>that.
> >>>>>
> >>>>>
> >>>>>
> >>>>>
> >>>>>>>73,
> >>>>>>>Jon
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> >>>>>>>-----Original Message-----
> >>>>>>>From: Bill K0ZL <coorsbill@y...>
> >>>>>>>Sent: Oct 19, 2005 8:32 AM
> >>>>>>>To: TS-850_450_690@yahoogroups.com
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> >>>>>>>
> >>>>>>>
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> >>>>>>>I have a couple such "bandages" on my 20M loop
> >>>>>>>feedline. I use Scotch brand type 70 silicone
> >>>>>>>
> >>>>>>>

> >>>>>>>>
> >>>>>>>>
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> >>>>>
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> >>>>>eater
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> >>>>>
> >>>>>
> >>>>>>>>>>using
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> >>>>>>>>>
> >>>>>>>>>
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> >>>>>>>>>>a brush blade.
> >>>>>>>>>>The mower would have chewed it to pieces as
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>it has
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> >>>>>
> >>>>>>>>>>two blades.
> >>>>>>>>>>Takes a lot to stall that 17hp Briggs....
> >>>>>>>>>>Still ticked me off...especially when I had
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> >>>>>>>>>hours
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> >>>>>>>>>>to go to get that
> >>>>>>>>>>part of the yardwork done. I know it got
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> >>>>>the
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> >>>>>>>>>jacket
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> >>>>>>>>>"More than a nick".. He wrapped it clear
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>around
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> >>>>>>>>>the
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>MTD mower blade and stalled the motor! hi
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
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> >>>>>
> >>>>>
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> >>>>>
> >>>>>>>>>bill
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> >>>>>>>>>--- KD5SFA <divenut1@s...> wrote:
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> >>>>>>>>>>I may have to replace a chunk of coax
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> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>first....I
> >>>>>
> >>>>>
> >>>>>
> >>>>>
> >>>>>>>>>>nicked it,
> >>>>>>>>>>well it may be more than a nick, while
> >>>>>>>>>>

> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>doing
> >>>>>
> >>>>>
> >>>>>
> >>>>>
> >>>>>>>>>>yard
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>>>work
> >>>>>>>>>>>the other day. Thank goodness for spare
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>coax
> >>>>>
> >>>>>
> >>>>>
> >>>>>
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> >>>>>>>>>
> >>>>>>>>>
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> >>>>>>>>>>>KD5SFA
> >>>>>>>>>>
> >>>>>>>>>>>-----Original Message-----
> >>>>>>>>>>>From: Paul <condor@m...>
> >>>>>>>>>>>Sent: Oct 18, 2005 1:47 PM
> >>>>>>>>>>>To: TS-850_450_690@yahoogroups.com
> >>>>>>>>>>>Subject: Re: [TS-850_450_690] Anyone
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>interested
> >>>>>
> >>>>>
> >>>>>
> >>>>>
> >>>>>>>>>in
> >>>>>>>>>
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> >>>>>>>>>

> >>>>>>>>
> >>>>>>>>>a
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>>group net?
> >>>>>>>>>>
> >>>>>>>>>>Sure...
> >>>>>>>>>>
> >>>>>>>>>>I'll check in (if propagation allows).
> >>>>>>>>>>
> >>>>>>>>>>Paul - K2BK
> >>>>>>>>>>
> >>>>>>>>>>max_ve3tmt wrote:
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>Just curious if anyone is interested in
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>a
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>>>>>>weekly
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>net for the members
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>of the group. I'm open to suggestions as
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>to
> >>>>>>
> >>>>>>
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> >>>>>>

> >>>>>
> >>>>=== message truncated ===
> >>>>
> >>>>
> >>>>
> >>>>When in doubt, MODIFY...
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> >>>
> >>>THANKS FOR USING TS-850_450_690@Y...
> >>>Yahoo! Groups Links
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> >THANKS FOR USING TS-850_450_690@Y...
> >Yahoo! Groups Links
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# 3727. Re: [TS-850_450_690] Re: On-ground radials and separate TX/RX antennas.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-21 17:59:36 UTC
From: n7ioh
Topic: 3708  Message: 3727

Hi Dave, you might want to look into the MFJ-1708 RF sensing TR switch. I bought one from R & L Electronics for about $63 plus shipping to use with my Johnson Viking Ranger ll but sold the Johnson before I could use the switch. I figured on using it on my TS850 so I could use a separate receive antenna also. The switch seems to be well built and if memory serves me right it had some good reviews in eHam. You may be able to down load the manual for the switch from MFJ. I was going to use a multi position coax switch connected to the MFJ switch so I could choose different receiving antennas.

Al, n7ioh

Dave wrote:

>I found that powdered laundry detergent seemed to provide the same
>benefits as plug aeration and was easier.
>
>I'd forgotten about aeration - that was definitely a big deal when I
>lived in Colorado where there was so much clay in the soil. An
>arborist counseled me on that, saying that if the lawn needed
>aeration, it was a sign of poor drainage, which is made worse if you
>use a mulching mower. So I started hiring a kid to mow and insisted
>that he bag and discard the clippings, and the need to aerate went away.
>
>In later years, I followed the advice of a Russian colleague: "Don't
>put money into fertilizing and watering and mowing a crop that you can
>not eat." Now we just enjoy whatever mother nature provides, cutting
>the grass (more accurately described as indigenous weeds) only so that
>the neighbors' cats can keep the rodent population in check.
>
>If I were in an area that required aeration in order to maintain the
>level of lawn that the neighborhood expected, I'd very definitely
>focus on elevated radials!
>
>Thinking of vertical systems, I want to be able to use separate RX/TX
>antennas. I know that there's a mod for the TS-850 to allow a
>separate RX antenna, but I'm wondering about the wisdom of it. The
>annals of contesters include many stories of front-end damage caused
>by a TX antenna coupling into an RX antenna, in a radio that may not
>completely disable the RX section during TX. I'm thinking that a much
>safer method would be to use the PTT line to drive an external relay
>that switches between TX and RX antennas. This guarantees that the RX
>section in the radio is at least as disconnected as Kenwood makes it,
>and also guarantees that the RX antenna is connected to only the open

>relay contact.
>
>Anybody in the group have comments and/or experience in the matter?
>
>Dave W8NF
>
>
>

# 3728. Re: [TS-850_450_690] Re: On-ground radials and separate TX/RX antennas.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-21 20:17:23 UTC
From: Eric
Topic: 3708  Message: 3728

My understanding of aeration with a powered plug/core machine is to let air and moisture in the soil and bring up some grass material to fertilize and is understood as one of the better non-chemical procedures to a healthy lawn. Also, up this way we have a product called Milorganite-- fertilizer from the Milwaukee sewer district that does cause lawn and garden growth (and more energy expenditure), but is a natural recycled product.

Sorry to deviate from the core idea here, but how does powdered laundry soap aerate? Is that, uhhmm, for real?

Eric

Dave wrote:

>I found that powdered laundry detergent seemed to provide the same
>benefits as plug aeration and was easier.
>
>I'd forgotten about aeration - that was definitely a big deal when I
>lived in Colorado where there was so much clay in the soil. An
>arborist counseled me on that, saying that if the lawn needed
>aeration, it was a sign of poor drainage, which is made worse if you
>use a mulching mower. So I started hiring a kid to mow and insisted
>that he bag and discard the clippings, and the need to aerate went away.
>
>In later years, I followed the advice of a Russian colleague: "Don't
>put money into fertilizing and watering and mowing a crop that you can
>not eat." Now we just enjoy whatever mother nature provides, cutting
>the grass (more accurately described as indigenous weeds) only so that
>the neighbors' cats can keep the rodent population in check.
>
>If I were in an area that required aeration in order to maintain the
>level of lawn that the neighborhood expected, I'd very definitely
>focus on elevated radials!
>
>Thinking of vertical systems, I want to be able to use separate RX/TX
>antennas. I know that there's a mod for the TS-850 to allow a
>separate RX antenna, but I'm wondering about the wisdom of it. The
>annals of contesters include many stories of front-end damage caused
>by a TX antenna coupling into an RX antenna, in a radio that may not
>completely disable the RX section during TX. I'm thinking that a much
>safer method would be to use the PTT line to drive an external relay
>that switches between TX and RX antennas. This guarantees that the RX
>section in the radio is at least as disconnected as Kenwood makes it,
>and also guarantees that the RX antenna is connected to only the open

>relay contact.
>
>Anybody in the group have comments and/or experience in the matter?
>
>Dave W8NF
>
>--- In TS-850_450_690@yahoogroups.com, Eric <kr9w@c...> wrote:
>
>
>>.....so I guess lawn care consisting of plug aeration would be out of
>>the question in the area of laid ground wires?
>>
>>Eric kr9w
>>
>>Dave wrote:
>>
>>
>>
>>>I've done both, and have noted no difference, except that bare copper
>>>degrades quickly.
>>>
>>>Dave W8NF
>>>
>>>--- In TS-850_450_690@yahoogroups.com, Eric <kr9w@c...> wrote:
>>>
>>>
>>>
>>>
>>>>Just out of curiosity as I have been considering a better rf ground
>>>>system than currently in place, are the radials bare Cu wire or do
>>>>
>>>>
>you
>
>
>>>>leave the shielding on?
>>>>
>>>>KR9W,
>>>>Eric
>>>>
>>>>Dave wrote:
>>>>
>>>>
>>>>
>>>>
>>>>
>>>>>That's a variation of a popular way to install radials:
>>>>>
>>>>>1) Mow grass very short, using a bag
>>>>>2) Rake like crazy to get up even the grass clippings that you

>>>>>
>>>>>
>thought
>
>
>>>>>the mower was bagging
>>>>>3) Lay radials or coax on ground. Use 1" staples to hold it in
>>>>>
>>>>>
>place.
>
>
>>>>>Unplated steel is best - you want them to rust.
>>>>>4) Fertilize and water thorougly for a few months. Note that this is
>>>>>in direct contrast to my normal advice on grass, which is to use zero
>>>>>fertilizer, which makes it not require water, and also not require
>>>>>water. I call this "God's own landscaping". Not allowed if you live
>>>>>in a CC&R-controlled neighborhood, but if you live in one of those,
>>>>>you probably can't have antennas, either
>>>>>5) Raise up mower, use in mulch mode.
>>>>>
>>>>>After two mowings, even you will have difficulty finding the
>>>>>
>>>>>
>>>>>
>>>>>
>>>radials/coax.
>>>
>>>
>>>
>>>
>>>>>In my present QTH, my plan is to hoist the vertical up in the air.
>>>>>But temporarily it's on the ground with radials simply laid atop the
>>>>>existing grass (more properly described as mowed weeds). During the
>>>>>summer, with no water or fertilizer, we only had to mow once. But
>>>>>when I went to roll up the radials, I had difficulty finding them,
>>>>>even though I'd not attempted to make it difficult.
>>>>>
>>>>>Dave W8NF
>>>>>
>>>>>--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
>>>>>
>>>>>
>>>>>
>>>>>
>>>wrote:
>>>
>>>
>>>
>>>

>>>>>
>>>>>
>>>>>
>>>>>
>>>>>>Leave it flat on the ground. if undisturbed, the grass
>>>>>>will grow over it and there will be no problem with
>>>>>>the mower. Also set the mower a little higher; it's
>>>>>>better for your lawn anyway.
>>>>>>
>>>>>>bill
>>>>>>
>>>>>>
>>>>>>--- Paul <condor@m...> wrote:
>>>>>>
>>>>>>
>>>>>>
>>>>>>
>>>>>>
>>>>>>
>>>>>>
>>>>>>>>>>>OK ;))
>>>>>>>>
>>>>>>>>>>>On that light - I have just moved to this QTH and
>>>>>>>>>>>right now I have 5
>>>>>>>>>>>pieces of coax lying in the grass with orders to my
>>>>>>>>>>>son to not mow over
>>>>>>>>>>>the coax - so the yard looks like it has a Mohawk
>>>>>>>>>>>haircut to the garage.
>>>>>>>>
>>>>>>>>>>>I had thought of burying the coax but was told that
>>>>>>>>>>>it would not survive
>>>>>>>>>>>the winter heave. Thought of putting in a 4"-ish
>>>>>>>>>>>piece of PVC but I'm
>>>>>>>>>>>afraid that it will fill with water and freeze, or
>>>>>>>>>>>that chipmunks will
>>>>>>>>>>>get inside and chew up the coax to make new "digs".
>>>>>>>>
>>>>>>>>>>>Any suggestions.
>>>>>>>>
>>>>>>>>>>>KD5SFA wrote:
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>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>>>>>>>>Probably because that is where it started as a
>>>>>>>>>>>>>>>
>>>>>>>>>>>>>>>

>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>general
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>>comment on my part due to a recent yardwork
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>incident.
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>>73,Jon
>>>>>>>>KD5SFA
>>>>>>>>
>>>>>>>>-----Original Message-----
>>>>>>>>From: Paul <condor@m...>
>>>>>>>>Sent: Oct 20, 2005 9:59 AM
>>>>>>>>To: TS-850_450_690@yahoogroups.com
>>>>>>>>Subject: Re: [TS-850_450_690] Anyone interested in
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>a group net?
>>>>>>>
>>>>>>>
>>>>>>>
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>>>>>>>
>>>>>>>>This is a good thread, but why is it traveling
>>>>>>>>
>>>>>>>>
>>>>>>>>

>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>around under the title of
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>>"Group net"??
>>>>>>>>
>>>>>>>>Paul - K2BK
>>>>>>>>
>>>>>>>>KD5SFA wrote:
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>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>>I like that idea....the grey pvc is more UV
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>resistant
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>>>than the white is so it should last longer to.
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>That and
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>

>>>>>>>>>the heliax likes a nice gradual bend...about 11"
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>radius
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>>>if I recall....not to mention leaving at least
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>one or two
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>>>pull lines in there for future expansion the
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>curved elbows
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>>>will make pulling new coax so much easier.
>>>>>>>>>
>>>>>>>>>Thanks for the idea Bill !!
>>>>>>>>>
>>>>>>>>>73,
>>>>>>>>>Jon
>>>>>>>>>KD5SFA
>>>>>>>>>

>>>>>>>>>>-----Original Message-----
>>>>>>>>>From: Bill K0ZL <coorsbill@y...>
>>>>>>>>>Sent: Oct 19, 2005 6:53 PM
>>>>>>>>>To: TS-850_450_690@yahoogroups.com
>>>>>>>>>Subject: Re: [TS-850_450_690] Anyone interested
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>in a group net?
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>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>>Instead of a 90 deg elbow common to plumbing
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>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>PVC, use
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>>the electrical PVC conduit elbow instead. Has a
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>big
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>>radius that the 7/8 will navigate easily.
>>>>>>>>>
>>>>>>>>>b
>>>>>>>>>

>>>>>>>>>
>>>>>>>>>--- KD5SFA <divenut1@s...> wrote:
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>
>>>>>>>>>>I was going to try that and see how the
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>analyzer
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>>>reacted
>>>>>>>>>>before hooking it up to anything else. If it
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>looks
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>>>bad I'll
>>>>>>>>>>just drag out an extra coil of RG-8 and
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>replace that
>>>>>>>>
>>>>>>>>
>>>>>>>>

>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>>>>section.
>>>>>>>>>>
>>>>>>>>>>I guess I'll need to take the time to dig that
>>>>>>>>>>trench and lay some
>>>>>>>>>>4" PVC between the hose and tower to run coax
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>in.
>>>>>>>
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>>>>>>>
>>>>>>>>>>I'm not sure
>>>>>>>>>>how I'll handle my 7/8" heliax when I get
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>that.
>>>>>>>
>>>>>>>
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>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>>>>73,
>>>>>>>>>>Jon
>>>>>>>>>>KD5SFA
>>>>>>>>>>
>>>>>>>>>>-----Original Message-----
>>>>>>>>>>From: Bill K0ZL <coorsbill@y...>
>>>>>>>>>>Sent: Oct 19, 2005 8:32 AM
>>>>>>>>>>To: TS-850_450_690@yahoogroups.com
>>>>>>>>>>Subject: Re: [TS-850_450_690] Anyone
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>>>>>>>>>>
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>>>>>>>>>>
>>>>>>>>>>

>>>>>>>>>>
>>>>>>>interested in a
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>>>>group net?
>>>>>>>>>>
>>>>>>>>>>Just tape the heck out of it and call it good!
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>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>hi...
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>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>>>>I have a couple such "bandages" on my 20M loop
>>>>>>>>>>feedline. I use Scotch brand type 70 silicone
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>tape,
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>>>>then 33 on top of that. Never fails.
>>>>>>>>>>
>>>>>>>>>>b
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>--- KD5SFA <divenut1@s...> wrote:
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>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>

>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>>Not quite Bill...caught it with my weed
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>eater
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>>>>using
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>>a brush blade.
>>>>>>>>>>>The mower would have chewed it to pieces as
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>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>it has
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>>>>>two blades.
>>>>>>>>>>>Takes a lot to stall that 17hp Briggs....
>>>>>>>>>>>Still ticked me off...especially when I had
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>>>>>>>>>>
>>>>>>>3
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>>>>>>>

>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>>>>hours
>>>>>>>>>>
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>>>>>>>>>>
>>>>>>>>>>>>to go to get that
>>>>>>>>>>>>part of the yardwork done. I know it got
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>>>>>>>>>>>
>>>>>>>>the
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>>>>>>>>>>jacket
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>>>>>>>>>>
>>>>>>>>>>>>and part of the
>>>>>>>>>>>>braid.
>>>>>>>>>>>
>>>>>>>>>>>>Jon
>>>>>>>>>>>
>>>>>>>>>>>>-----Original Message-----
>>>>>>>>>>>>From: Bill K0ZL <coorsbill@y...>
>>>>>>>>>>>>Sent: Oct 18, 2005 8:18 PM
>>>>>>>>>>>>To: TS-850_450_690@yahoogroups.com
>>>>>>>>>>>>Subject: Re: [TS-850_450_690] Anyone
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>>>>>>>>interested in

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>>>>>>>>>>a
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>>>>>>>>>>
>>>>>>>>>>>group net?
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>>>>>>>>>>>"More than a nick".. He wrapped it clear
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>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>around
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>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>>>the
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>>MTD mower blade and stalled the motor! hi
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>>>
>>>>>>>>hi!
>>>>>>>>
>>>>>>>>
>>>>>>>>
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>>>>>>>>

>>>>>>>>>>>bill
>>>>>>>>>>>
>>>>>>>>>>>--- KD5SFA <divenut1@s...> wrote:
>>>>>>>>>>>
>>>>>>>>>>>
>>>>>>>>>>>
>>>>>>>>>>>
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>>>>>>>>>>>
>>>>>>>>>>>
>>>>>>>>>>>>Sounds good to me.
>>>>>>>>>>>>I may have to replace a chunk of coax
>>>>>>>>>>>>
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>>>>>>>>>>>>
>>>>>>>>first....I
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>>>>>>>>
>>>>>>>>>>>>nicked it,
>>>>>>>>>>>>well it may be more than a nick, while
>>>>>>>>>>>>
>>>>>>>>>>>>
>>>>>>>>>>>>
>>>>>>>>>>>>
>>>>>>>>>>>>
>>>>>>>>>>>>
>>>>>>>>doing
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>
>>>>>>>>>>>yard
>>>>>>>>>>>
>>>>>>>>>>>
>>>>>>>>>>>
>>>>>>>>>>>
>>>>>>>>>>>
>>>>>>>>>>>
>>>>>>>>>>>>work
>>>>>>>>>>>>the other day. Thank goodness for spare
>>>>>>>>>>>>

>>>>>>>>>>>>
>>>>>>>>>>>>
>>>>>>>>>>>>
>>>>>>>>>>>>
>>>>>>>>>>>>
>>>>>>>coax
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>
>>>>>>>>>>!!!
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>>>>>>>>>>
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>>>>>>>>>>>>73,Jon
>>>>>>>>>>>>KD5SFA
>>>>>>>>>>>>
>>>>>>>>>>>>-----Original Message-----
>>>>>>>>>>>>From: Paul <condor@m...>
>>>>>>>>>>>>Sent: Oct 18, 2005 1:47 PM
>>>>>>>>>>>>To: TS-850_450_690@yahoogroups.com
>>>>>>>>>>>>Subject: Re: [TS-850_450_690] Anyone
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>>>>>>>>>>>>
>>>>>>>interested
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>>>>>>>>>>>>group net?
>>>>>>>>>>>>
>>>>>>>>>>>>Sure...
>>>>>>>>>>>>
>>>>>>>>>>>>I'll check in (if propagation allows).
>>>>>>>>>>>>
>>>>>>>>>>>>Paul - K2BK
>>>>>>>>>>>>
>>>>>>>>>>>>max_ve3tmt wrote:
>>>>>>>>>>>>
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>>>>>>>>>>>>>Just curious if anyone is interested in
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>>>>>>>>>>>>>>weekly
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>>>>>>>>>>>>>>>net for the members
>>>>>>>>>>>>>>
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>>>>>>>>>>>>>>
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>>>>>>>>>>>>>>
>>>>>>>>>>>>>>>of the group. I'm open to suggestions as
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>>>>>>=== message truncated ===
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>>>>>>When in doubt, MODIFY...
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>>>>>THANKS FOR USING TS-850_450_690@Y...
>>>>>Yahoo! Groups Links
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>>>THANKS FOR USING TS-850_450_690@Y...

>>>Yahoo! Groups Links
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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>

# 3729. Re: [TS-850_450_690] Re: On-ground radials and separate TX/RX antennas.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-21 21:07:44 UTC
From: KD5NWA
Topic: 3708  Message: 3729

I find a mole to cause more aeration than you can stand and it's
free, after a while the neighbors cat will get it.

At 03:17 PM 10/21/2005, you wrote:

>My understanding of aeration with a powered plug/core machine is to let
>air and moisture in the soil and bring up some grass material to
>fertilize and is understood as one of the better non-chemical procedures
>to a healthy lawn. Also, up this way we have a product called
>Milorganite-- fertilizer from the Milwaukee sewer district that does
>cause lawn and garden growth (and more energy expenditure), but is a
>natural recycled product.
>
>Sorry to deviate from the core idea here, but how does powdered laundry
>soap aerate? Is that, uhhmm, for real?
>
>Eric
>
>
>
>Dave wrote:
>
> >I found that powdered laundry detergent seemed to provide the same
> >benefits as plug aeration and was easier.
> >
> >I'd forgotten about aeration - that was definitely a big deal when I
> >lived in Colorado where there was so much clay in the soil. An
> >arborist counseled me on that, saying that if the lawn needed
> >aeration, it was a sign of poor drainage, which is made worse if you
> >use a mulching mower. So I started hiring a kid to mow and insisted
> >that he bag and discard the clippings, and the need to aerate went away.
> >
> >In later years, I followed the advice of a Russian colleague: "Don't
> >put money into fertilizing and watering and mowing a crop that you can
> >not eat." Now we just enjoy whatever mother nature provides, cutting
> >the grass (more accurately described as indigenous weeds) only so that
> >the neighbors' cats can keep the rodent population in check.
> >
> >If I were in an area that required aeration in order to maintain the
> >level of lawn that the neighborhood expected, I'd very definitely
> >focus on elevated radials!
> >
> >Thinking of vertical systems, I want to be able to use separate RX/TX
> >antennas. I know that there's a mod for the TS-850 to allow a

> >separate RX antenna, but I'm wondering about the wisdom of it. The
> >annals of contesters include many stories of front-end damage caused
> >by a TX antenna coupling into an RX antenna, in a radio that may not
> >completely disable the RX section during TX. I'm thinking that a much
> >safer method would be to use the PTT line to drive an external relay
> >that switches between TX and RX antennas. This guarantees that the RX
> >section in the radio is at least as disconnected as Kenwood makes it,
> >and also guarantees that the RX antenna is connected to only the open
> >relay contact.
> >
> >Anybody in the group have comments and/or experience in the matter?
> >
> >Dave W8NF
> >
> >--- In TS-850_450_690@yahoogroups.com, Eric <kr9w@c...> wrote:
> >
> >
> >>.....so I guess lawn care consisting of plug aeration would be out of
> >>the question in the area of laid ground wires?
> >>
> >>Eric kr9w
> >>
> >>Dave wrote:
> >>
> >>
> >>
> >>>I've done both, and have noted no difference, except that bare copper
> >>>degrades quickly.
> >>>
> >>>Dave W8NF
> >>>
> >>>--- In TS-850_450_690@yahoogroups.com, Eric <kr9w@c...> wrote:
> >>>
> >>>
> >>>
> >>>
> >>>>Just out of curiosity as I have been considering a better rf ground
> >>>>system than currently in place, are the radials bare Cu wire or do
> >>>>
> >>>>
> >>>you
> >>>
> >>>
> >>>>leave the shielding on?
> >>>>
> >>>>KR9W,
> >>>>Eric
> >>>>
> >>>>Dave wrote:
> >>>>

> >>>>
> >>>>
> >>>>
> >>>>
> >>>>>That's a variation of a popular way to install radials:
> >>>>>
> >>>>>1) Mow grass very short, using a bag
> >>>>>2) Rake like crazy to get up even the grass clippings that you
> >>>>>
> >>>>>
> >>>>>thought
> >>>>>
> >>>>>
> >>>>>the mower was bagging
> >>>>>3) Lay radials or coax on ground. Use 1" staples to hold it in
> >>>>>
> >>>>>
> >>>>>place.
> >>>>>
> >>>>>
> >>>>>Unplated steel is best - you want them to rust.
> >>>>>4) Fertilize and water thorougly for a few months. Note that this is
> >>>>>in direct contrast to my normal advice on grass, which is to use zero
> >>>>>fertilizer, which makes it not require water, and also not require
> >>>>>water. I call this "God's own landscaping". Not allowed if you live
> >>>>>in a CC&R-controlled neighborhood, but if you live in one of those,
> >>>>>you probably can't have antennas, either
> >>>>>5) Raise up mower, use in mulch mode.
> >>>>>
> >>>>>After two mowings, even you will have difficulty finding the
> >>>>>
> >>>>>
> >>>>>
> >>>>>
> >>>>>radials/coax.
> >>>
> >>>
> >>>
> >>>
> >>>>>In my present QTH, my plan is to hoist the vertical up in the air.
> >>>>>But temporarily it's on the ground with radials simply laid atop the
> >>>>>existing grass (more properly described as mowed weeds). During the
> >>>>>summer, with no water or fertilizer, we only had to mow once. But
> >>>>>when I went to roll up the radials, I had difficulty finding them,
> >>>>>even though I'd not attempted to make it difficult.
> >>>>>
> >>>>>Dave W8NF
> >>>>>
> >>>>>--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
> >>>>>

> >>>>>
> >>>>>
> >>>>>
> >>>wrote:
> >>>
> >>>
> >>>
> >>>
> >>>>>
> >>>>>
> >>>>>
> >>>>>
> >>>>>>Leave it flat on the ground. if undisturbed, the grass
> >>>>>>will grow over it and there will be no problem with
> >>>>>>the mower. Also set the mower a little higher; it's
> >>>>>>better for your lawn anyway.
> >>>>>>
> >>>>>>bill
> >>>>>>
> >>>>>>
> >>>>>>--- Paul <condor@m...> wrote:
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>>OK ;))
> >>>>>>
> >>>>>>On that light - I have just moved to this QTH and
> >>>>>>right now I have 5
> >>>>>>pieces of coax lying in the grass with orders to my
> >>>>>>son to not mow over
> >>>>>>the coax - so the yard looks like it has a Mohawk
> >>>>>>haircut to the garage.
> >>>>>>
> >>>>>>I had thought of burying the coax but was told that
> >>>>>>it would not survive
> >>>>>>the winter heave. Thought of putting in a 4"-ish
> >>>>>>piece of PVC but I'm
> >>>>>>afraid that it will fill with water and freeze, or
> >>>>>>that chipmunks will
> >>>>>>get inside and chew up the coax to make new "digs".
> >>>>>>
> >>>>>>Any suggestions.
> >>>>>>
> >>>>>>KD5SFA wrote:
> >>>>>>
> >>>>>>

> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>>>Probably because that is where it started as a
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>general
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>comment on my part due to a recent yardwork
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>incident.
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>73,Jon
> >>>>>>>>>KD5SFA
> >>>>>>>>>
> >>>>>>>>>-----Original Message-----
> >>>>>>>>>From: Paul <condor@m...>
> >>>>>>>>>Sent: Oct 20, 2005 9:59 AM
> >>>>>>>>>To: TS-850_450_690@yahoogroups.com
> >>>>>>>>>Subject: Re: [TS-850_450_690] Anyone interested in
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>a group net?
> >>>>>>>>>
> >>>>>>>>>

> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>>>This is a good thread, but why is it traveling
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>around under the title of
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>"Group net"??
> >>>>>>>>>
> >>>>>>>>>Paul - K2BK
> >>>>>>>>>
> >>>>>>>>>KD5SFA wrote:
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>I like that idea....the grey pvc is more UV
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>resistant
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>than the white is so it should last longer to.
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>

> >>>>>>>>>
> >>>>>>>That and
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>>>the heliax likes a nice gradual bend...about 11"
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>radius
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>>if I recall....not to mention leaving at least
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>one or two
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>>pull lines in there for future expansion the
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>curved elbows
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>

> >>>>>>>>>will make pulling new coax so much easier.
> >>>>>>>>>
> >>>>>>>>>Thanks for the idea Bill !!
> >>>>>>>>>
> >>>>>>>>>73,
> >>>>>>>>>Jon
> >>>>>>>>>KD5SFA
> >>>>>>>>>
> >>>>>>>>>-----Original Message-----
> >>>>>>>>>From: Bill K0ZL <coorsbill@y...>
> >>>>>>>>>Sent: Oct 19, 2005 6:53 PM
> >>>>>>>>>To: TS-850_450_690@yahoogroups.com
> >>>>>>>>>Subject: Re: [TS-850_450_690] Anyone interested
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>in a group net?
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>>Instead of a 90 deg elbow common to plumbing
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>PVC, use
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>>the electrical PVC conduit elbow instead. Has a
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>big
> >>>>>>>>
> >>>>>>>>

> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>>>radius that the 7/8 will navigate easily.
> >>>>>>>>>
> >>>>>>>>>b
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>--- KD5SFA <divenut1@s...> wrote:
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>
> >>>>>>>>>>>I was going to try that and see how the
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>>analyzer
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>>reacted
> >>>>>>>>>>>>before hooking it up to anything else. If it
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>looks
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>bad I'll
> >>>>>>>>>>>>just drag out an extra coil of RG-8 and
> >>>>>>>>>>>>
> >>>>>>>>>>>>

> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>replace that
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>>>>section.
> >>>>>>>>>>
> >>>>>>>>>>I guess I'll need to take the time to dig that
> >>>>>>>>>>trench and lay some
> >>>>>>>>>>4" PVC between the hose and tower to run coax
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>in.
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>>>>I'm not sure
> >>>>>>>>>>how I'll handle my 7/8" heliax when I get
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>that.
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>>>>73,
> >>>>>>>>>>Jon
> >>>>>>>>>>KD5SFA
> >>>>>>>>>>
> >>>>>>>>>>-----Original Message-----
> >>>>>>>>>>From: Bill K0ZL <coorsbill@y...>

> >>>>>>>>>>Sent: Oct 19, 2005 8:32 AM
> >>>>>>>>>>To: TS-850_450_690@yahoogroups.com
> >>>>>>>>>>Subject: Re: [TS-850_450_690] Anyone
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>interested in a
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>>>>group net?
> >>>>>>>>>>
> >>>>>>>>>>Just tape the heck out of it and call it good!
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>hi...
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>>>>I have a couple such "bandages" on my 20M loop
> >>>>>>>>>>feedline. I use Scotch brand type 70 silicone
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>tape,
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>>>>then 33 on top of that. Never fails.
> >>>>>>>>>>
> >>>>>>>>>>b

> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>--- KD5SFA <divenut1@s...> wrote:
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>Not quite Bill...caught it with my weed
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>eater
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>>>using
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>a brush blade.
> >>>>>>>>>>The mower would have chewed it to pieces as
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>it has
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>>>two blades.
> >>>>>>>>>>Takes a lot to stall that 17hp Briggs....
> >>>>>>>>>>Still ticked me off...especially when I had
> >>>>>>>>>>

> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>3
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>>>>hours
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>>to go to get that
> >>>>>>>>>>>>part of the yardwork done. I know it got
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>>the
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>>jacket
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>>and part of the
> >>>>>>>>>>>>braid.
> >>>>>>>>>>>
> >>>>>>>>>>>>Jon
> >>>>>>>>>>>
> >>>>>>>>>>>>-----Original Message-----
> >>>>>>>>>>>>From: Bill K0ZL <coorsbill@y...>
> >>>>>>>>>>>>Sent: Oct 18, 2005 8:18 PM
> >>>>>>>>>>>>To: TS-850_450_690@yahoogroups.com

> >>>>>>>>>>>Subject: Re: [TS-850_450_690] Anyone
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>interested in
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>>>>>a
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>group net?
> >>>>>>>>>>>>
> >>>>>>>>>>>>"More than a nick".. He wrapped it clear
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>around
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>>>>>the
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>MTD mower blade and stalled the motor! hi
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>

> >>>>>>>>>>>
> >>>>>>>hi!
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>>>>>bill
> >>>>>>>>>>>
> >>>>>>>>>>>--- KD5SFA <divenut1@s...> wrote:
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>>>>>Sounds good to me.
> >>>>>>>>>>>>>>>I may have to replace a chunk of coax
> >>>>>>>>>>>>>>>
> >>>>>>>>>>>>>>>
> >>>>>>>>>>>>>>>
> >>>>>>>>>>>>>>>
> >>>>>>>>>>>>>>>
> >>>>>>>>>>>>>>>
> >>>>>>>>first....I
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>>>>>>>>nicked it,
> >>>>>>>>>>>>>>>well it may be more than a nick, while
> >>>>>>>>>>>>>>>
> >>>>>>>>>>>>>>>
> >>>>>>>>>>>>>>>
> >>>>>>>>>>>>>>>
> >>>>>>>>>>>>>>>
> >>>>>>>>>>>>>>>
> >>>>>>>>doing
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>>>>>>>yard
> >>>>>>>>>>>

> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>>>work
> >>>>>>>>>>>>the other day. Thank goodness for spare
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>coax
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>>>>!!!
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>>>73,Jon
> >>>>>>>>>>>>KD5SFA
> >>>>>>>>>>>>
> >>>>>>>>>>>>-----Original Message-----
> >>>>>>>>>>>>From: Paul <condor@m...>
> >>>>>>>>>>>>Sent: Oct 18, 2005 1:47 PM
> >>>>>>>>>>>>To: TS-850_450_690@yahoogroups.com
> >>>>>>>>>>>>Subject: Re: [TS-850_450_690] Anyone
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>interested
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>
> >>>>>>>>>>in
> >>>>>>>>>>

> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>>a
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>
> >>>>>>>>>>>>group net?
> >>>>>>>>>>>>
> >>>>>>>>>>>>Sure...
> >>>>>>>>>>>>
> >>>>>>>>>>>>I'll check in (if propagation allows).
> >>>>>>>>>>>>
> >>>>>>>>>>>>Paul - K2BK
> >>>>>>>>>>>>
> >>>>>>>>>>>>max_ve3tmt wrote:
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>Just curious if anyone is interested in
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>a
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>>>weekly
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>
> >>>>>>>>>>>net for the members

> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>
> >>>>>>>>>>>>>>of the group. I'm open to suggestions as
> >>>>>>>>>>>>>>
> >>>>>>>>>>>>>>
> >>>>>>>>>>>>>>
> >>>>>>>>>>>>>>
> >>>>>>>>>>>>>>
> >>>>>>>>>>>>>>
> >>>>>>>>to
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>
> >>>>>>>>=== message truncated ===
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>>When in doubt, MODIFY...
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>>
> >>>>>
> >>>>>
> >>>>>
> >>>>>THANKS FOR USING TS-850_450_690@Y...
> >>>>>Yahoo! Groups Links
> >>>>>
> >>>>>
> >>>>>
> >>>>>
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> >>>>>
> >>>>>
> >>>>>
> >>>>>
> >>>>>
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> >>>>>
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> >>>
> >>>
> >>>
> >>>THANKS FOR USING TS-850_450_690@Y...
> >>>Yahoo! Groups Links
> >>>
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> >>>
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> >
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> >
> >
> >
> >THANKS FOR USING TS-850_450_690@...
> >Yahoo! Groups Links
> >
> >
> >
> >
> >
> >
> >
> >
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
>
>
>
>

Cecil Bayona
KD5NWA
www.qrpradio.com

I fail to see why doing the same thing over and over and getting the
same results every time is insanity: I've almost proved it isn't;
only a few more tests now and I'm sure results will differ this time ...

# 3730. TS-450s problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-21 22:58:48 UTC
From: matt smith
Topic: 3730  Message: 3730

Hi All I bought a kenwood ts-450s at a ham fest
"hoss traders" a couple of weeks ago from BRUCE A.
STEVENS, WO1B he said the radio was fine nothing wrong
with it ! I have sent him email and he does not
respond ! beware write down his call and dont buy
anything from him !! the radio has problems.

first was when you turn it on the dipalay was all lit
up and it world do nothing and some times it would
turn on,so i reset it and it still did it,then i put a
new cpu battery in it and it works most of the time
now,but it does not have any tx power ??
how do i fix that problem ?
thanks
matt smith
N1WJR

---
Yahoo! Mail - PC Magazine Editors' Choice 2005
http://mail.yahoo.com

# 3731. Re: [TS-850_450_690] TS-450s problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-22 00:30:52 UTC
From: Fred Van Veen
Topic: 3730  Message: 3731

Have you ever had a 450 before? If not, be sure to follow the
operating instructions, step by step, in putting the rig on the air.
It is just possible that you have overlooked something - like the
output power control. We all do it once in a while, especially with
a new rig.
Did you get a manual with the 450?
W1NYL
On Oct 21, 2005, at 6:58 PM, matt smith wrote:

>
> Hi All I bought a kenwood ts-450s at a ham fest
> "hoss traders" a couple of weeks ago from BRUCE A.
> STEVENS, WO1B he said the radio was fine nothing wrong
> with it ! I have sent him email and he does not
> respond ! beware write down his call and dont buy
> anything from him !! the radio has problems.
>
> first was when you turn it on the dipalay was all lit
> up and it world do nothing and some times it would
> turn on,so i reset it and it still did it,then i put a
> new cpu battery in it and it works most of the time
> now,but it does not have any tx power ??
> how do i fix that problem ?
> thanks
> matt smith
> N1WJR
>
>
>
>
>
> _____
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> http://mail.yahoo.com
>
>
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> http://us.click.yahoo.com/dpRU5A/wUILAA/yQLSAA/ELTolB/TM
> ---------------------------------------------------------------------
> ~->
>
> THANKS FOR USING TS-850_450_690@...

> Yahoo! Groups Links
>
>
>
>
>
>
>

# 3732. Re: TS-450s problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-22 01:21:57 UTC
From: Matthew R. Smith
Topic: 3730  Message: 3732

no man. with it but have one i got off line,no output power no
matter what you do with the power or car buttons on any mode ie sb
am or fm cw ??

now what ?

--- In TS-850_450_690@yahoogroups.com, Fred Van Veen <fred.grb@v...>
wrote:
>
> Have you ever had a 450 before? If not, be sure to follow the
> operating instructions, step by step, in putting the rig on the
air.
> It is just possible that you have overlooked something - like the
> output power control. We all do it once in a while, especially
with
> a new rig.
> Did you get a manual with the 450?
> W1NYL
> On Oct 21, 2005, at 6:58 PM, matt smith wrote:
>
> >
> > Hi All I bought a kenwood ts-450s at a ham fest
> > "hoss traders" a couple of weeks ago from BRUCE A.
> > STEVENS, WO1B he said the radio was fine nothing wrong
> > with it ! I have sent him email and he does not
> > respond ! beware write down his call and dont buy
> > anything from him !! the radio has problems.
> >
> > first was when you turn it on the dipalay was all lit
> > up and it world do nothing and some times it would
> > turn on,so i reset it and it still did it,then i put a
> > new cpu battery in it and it works most of the time
> > now,but it does not have any tx power ??
> > how do i fix that problem ?
> > thanks
> > matt smith
> > N1WJR
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> > ~->
> >
> > THANKS FOR USING TS-850_450_690@Y...
> > Yahoo! Groups Links
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# 3733. Re: [TS-850_450_690] TS-450s problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-22 02:13:59 UTC
From: Bill K0ZL
Topic: 3730  Message: 3733

Can it be heard on a local receiver, say in FM or CW
mode?

If so, there is a problem in the RF amp chain from the
last mixer on out.

b

--- matt smith <n1wjr@...> wrote:

>
> Hi All I bought a kenwood ts-450s at a ham fest
> "hoss traders" a couple of weeks ago from BRUCE A.
> STEVENS, WO1B he said the radio was fine nothing
> wrong
> with it ! I have sent him email and he does not
> respond ! beware write down his call and dont buy
> anything from him !! the radio has problems.
>
> first was when you turn it on the dipalay was all
> lit
> up and it world do nothing and some times it would
> turn on,so i reset it and it still did it,then i put
> a
> new cpu battery in it and it works most of the time
> now,but it does not have any tx power ??
> how do i fix that problem ?
> thanks
> matt smith
> N1WJR
>
>
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> _____
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> http://mail.yahoo.com
>

When in doubt, MODIFY...

# 3734. Re: TS-450s problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-22 02:33:06 UTC
From: Matthew R. Smith
Topic: 3730  Message: 3734

yes i can here it on my scanner on 10m any mode it just does not put
out any power on the display on the radio, or on a watt meter well
it did say like a watt or so but not 100 like its suposed to be
puting out
thanks
matt
--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
>
> Can it be heard on a local receiver, say in FM or CW
> mode?
>
> If so, there is a problem in the RF amp chain from the
> last mixer on out.
>
> b
>
> --- matt smith <n1wjr@y...> wrote:
>
> >
> > Hi All I bought a kenwood ts-450s at a ham fest
> > "hoss traders" a couple of weeks ago from BRUCE A.
> > STEVENS, WO1B he said the radio was fine nothing
> > wrong
> > with it ! I have sent him email and he does not
> > respond ! beware write down his call and dont buy
> > anything from him !! the radio has problems.
> > >
> > first was when you turn it on the dipalay was all
> > lit
> > up and it world do nothing and some times it would
> > turn on,so i reset it and it still did it,then i put
> > a
> > new cpu battery in it and it works most of the time
> > now,but it does not have any tx power ??
> > how do i fix that problem ?
> > thanks
> > matt smith
> > N1WJR
> > >
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> > > _____

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> > http://mail.yahoo.com
> >
>
>
>
> When in doubt, MODIFY...
>

# 3735. Re: [TS-850_450_690] Re: TS-450s problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-22 03:01:34 UTC
From: Tom Osborne
Topic: 3730  Message: 3735

You sure you have the carrier or power controls all the way up? Some modes need the carrier on full, some don't. If you are trying CW, you have to have the vox button pushed in or it won't key the rig. 73 and GL

Tom W7WHY

> no man. with it but have one i got off line,no output power no
> matter what you do with the power or car buttons on any mode ie sb
> am or fm cw ??
>
> now what ?
>
> --- In TS-850_450_690@yahoogroups.com, Fred Van Veen <fred.grb@v...>
> wrote:
>>
>> Have you ever had a 450 before? If not, be sure to follow the
>> operating instructions, step by step, in putting the rig on the
> air.
>> It is just possible that you have overlooked something - like the
>> output power control. We all do it once in a while, especially
> with
>> a new rig.
>> Did you get a manual with the 450?
>> W1NYL
>> On Oct 21, 2005, at 6:58 PM, matt smith wrote:
>>
>> >
>> > Hi All I bought a kenwood ts-450s at a ham fest
>> > "hoss traders" a couple of weeks ago from BRUCE A.
>> > STEVENS, WO1B he said the radio was fine nothing wrong
>> > with it ! I have sent him email and he does not
>> > respond ! beware write down his call and dont buy
>> > anything from him !! the radio has problems.
>> >
>> > first was when you turn it on the dipalay was all lit
>> > up and it world do nothing and some times it would
>> > turn on,so i reset it and it still did it,then i put a
>> > new cpu battery in it and it works most of the time
>> > now,but it does not have any tx power ??
>> > how do i fix that problem ?
>> > thanks
>> > matt smith
>> > N1WJR
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>> > THANKS FOR USING TS-850_450_690@Y...
>> > Yahoo! Groups Links
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3736. RE: [TS-850_450_690] Digest Number 885

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-22 00:04:21 UTC
From: sailfree4me@netscape.net
Topic: 3736  Message: 3736

Guys,

I love this BB but take a look at this digest. What is wrong?

We need some discipline here in trimming off all the legacy emails when responding. I know it is easy to just hit reply, but the lengthy reads are not good email etiquite, IMHO.

Please trim all but the last that you are replying to? I will appreciate it and I'll bet others will also...

John - W4BA

_____
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# 3737. Re: Digest Number 885

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-22 03:29:45 UTC
From: max_ve3tmt
Topic: 3736  Message: 3737

--- In TS-850_450_690@yahoogroups.com, sailfree4me@n... wrote:

> Please trim all but the last that you are replying to? I will
appreciate it and I'll bet others will also...

Good suggestion John. Members please take note.

# 3738. Re: TS-450s problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-22 03:33:03 UTC
From: Matthew R. Smith
Topic: 3730  Message: 3738

I have tryed everything and the radio keys up but does not put out
any power ?
this is in all modes moving all buttons also used a diff mike and
used the send rec button still nothing ???

matt

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@v...>
wrote:
>
> You sure you have the carrier or power controls all the way up?
Some modes
> need the carrier on full, some don't. If you are trying CW, you
have to
> have the vox button pushed in or it won't key the rig. 73 and GL
>
> Tom W7WHY
>
>
> > no man. with it but have one i got off line,no output power no
> > matter what you do with the power or car buttons on any mode ie
sb
> > am or fm cw ??
> >
> > now what ?
> >
> > --- In TS-850_450_690@yahoogroups.com, Fred Van Veen
<fred.grb@v...>
> > wrote:
> >>
> >> Have you ever had a 450 before? If not, be sure to follow the
> >> operating instructions, step by step, in putting the rig on the
> > air.
> >> It is just possible that you have overlooked something - like
the
> >> output power control. We all do it once in a while, especially
> > with
> >> a new rig.
> >> Did you get a manual with the 450?
> >> W1NYL
> >> On Oct 21, 2005, at 6:58 PM, matt smith wrote:
> >>
> >> >
> >> > Hi All I bought a kenwood ts-450s at a ham fest
> >> > "hoss traders" a couple of weeks ago from BRUCE A.

> >> > STEVENS, WO1B he said the radio was fine nothing wrong
> >> > with it ! I have sent him email and he does not
> >> > respond ! beware write down his call and dont buy
> >> > anything from him !! the radio has problems.
> >> >
> >> > first was when you turn it on the dipalay was all lit
> >> > up and it world do nothing and some times it would
> >> > turn on,so i reset it and it still did it,then i put a
> >> > new cpu battery in it and it works most of the time
> >> > now,but it does not have any tx power ??
> >> > how do i fix that problem ?
> >> > thanks
> >> > matt smith
> >> > N1WJR
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> > THANKS FOR USING TS-850_450_690@Y...
> > Yahoo! Groups Links
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# 3739. Re: [TS-850_450_690] Re: TS-450s problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-22 13:24:58 UTC
From: Bill K0ZL
Topic: 3730  Message: 3739

Suspect drivers are failed.

What is your power supply and what is the voltage that
it is putting out?

bill

--- "Matthew R. Smith" <n1wjr@...> wrote:

> yes i can here it on my scanner on 10m any mode it
> just does not put
> out any power on the display on the radio, or on a
> watt meter well
> it did say like a watt or so but not 100 like its
> suposed to be
> puting out
> thanks
> matt
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...>
> wrote:
> >
> > Can it be heard on a local receiver, say in FM or
> CW
> > mode?
> >
> > If so, there is a problem in the RF amp chain from
> the
> > last mixer on out.
> >
> > b
> >
> > --- matt smith <n1wjr@y...> wrote:
> >
> > >
> > > Hi All I bought a kenwood ts-450s at a ham
> fest
> > > "hoss traders" a couple of weeks ago from BRUCE
> A.
> > > STEVENS, WO1B he said the radio was fine nothing
> > > wrong
> > > with it ! I have sent him email and he does not
> > > respond ! beware write down his call and dont
> buy
> > > anything from him !! the radio has problems.
> > >

> > > first was when you turn it on the dipalay was
> all
> > > lit
> > > up and it world do nothing and some times it
> would
> > > turn on,so i reset it and it still did it,then i
> put
> > > a
> > > new cpu battery in it and it works most of the
> time
> > > now,but it does not have any tx power ??
> > > how do i fix that problem ?
> > > thanks
> > > matt smith
> > > N1WJR
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> >
> > When in doubt, MODIFY...
> >
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When in doubt, MODIFY...

# 3740. Re: TS-450s problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-22 15:46:51 UTC
From: Matthew R. Smith
Topic: 3730  Message: 3740

I have a astron rs-35m power suply its puting out 13.8 to 14 v when
the radio is keyed up it only draws about 2 amps or less and uses
about 1 amp just to turn the rig on.

I think the power suply if in fine working order.
thank you
matt smith
n1wjr

-- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
>
> Suspect drivers are failed.
>
> What is your power supply and what is the voltage that
> it is putting out?
>
> bill
>
>

# 3741. Re: [TS-850_450_690] Re: TS-450s problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-22 16:03:15 UTC
From: Tom Osborne
Topic: 3730  Message: 3741

HI Matt

Another thing here--if I don't have the "amps" control on my power supply turned all the way up, it won't key. It will show 13 volts on the meter, but without turning the "amps" control all the way up, it doesn't work. Sometimes when I get to messing around where the power supply is, it gets turned down accidently and no output on the transmitter.

Tom W7WHY

>I have a astron rs-35m power suply its puting out 13.8 to 14 v when
> the radio is keyed up it only draws about 2 amps or less and uses
> about 1 amp just to turn the rig on.
>
>
> I think the power suply if in fine working order.
> thank you
> matt smith
> n1wjr
>
>
> -- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
>>
>> Suspect drivers are failed.
>>
>> What is your power supply and what is the voltage that
>> it is putting out?
>>
>> bill

# 3742. Re: TS-450s problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-22 16:33:34 UTC
From: Matthew R. Smith
Topic: 3730  Message: 3742

HI Tom
my astron rs-35m power supply does not have any adjustments on it
that I can see ?
I dont know how to turn it up or down ?

thanks
matt

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@v...>
wrote:
>
>
> HI Matt
>
> Another thing here--if I don't have the "amps" control on my power
supply
> turned all the way up, it won't key. It will show 13 volts on the
meter,
> but without turning the "amps" control all the way up, it doesn't
work.
> Sometimes when I get to messing around where the power supply is,
it gets
> turned down accidently and no output on the transmitter.
>
> Tom W7WHY
>

# 3743. Re: [TS-850_450_690] Re: TS-450s problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-22 18:44:28 UTC
From: Tom Osborne
Topic: 3730  Message: 3743

Hi Matt

OK. My Astron 35 VS-35M has a control on the front to vary the amperage.

Tom W7WHY

> HI Tom
> my astron rs-35m power supply does not have any adjustments on it
> that I can see ?
> I dont know how to turn it up or down ?
>
> thanks
> matt

# 3744. Re: [TS-850_450_690] Re: TS-450s problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-22 20:29:15 UTC
From: Paul
Topic: 3730  Message: 3744

Are you sure that there is an adjustment to vary the amperage???

More likely, it is an adjustment to vary the voltage, which if over done
will cook your rig.

Paul - K2BK

Tom Osborne wrote:

>
> Hi Matt
>
> OK. My Astron 35 VS-35M has a control on the front to vary the
> amperage.
>
> Tom W7WHY
>
>
> > HI Tom
> > my astron rs-35m power supply does not have any adjustments on it
> > that I can see ?
> > I dont know how to turn it up or down ?
> >
> > thanks
> > matt
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
> ---------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
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>

# 3745. Re: [TS-850_450_690] Re: TS-450s problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-22 20:48:33 UTC
From: Tom Osborne
Topic: 3730  Message: 3745

Hi Paul

Well, it says Amps. The other one says Volts.

This is part of the description from the Astron webpage:

? Separate Volt and Amp Meters
? Output Voltage adjustable from 12-15 volts
? Current limit adjustable from 1.5 amp to full load

73
Tom W7WHY

> Are you sure that there is an adjustment to vary the amperage???
> More likely, it is an adjustment to vary the voltage, which if over >done
> will cook your rig.
>

# 3746. Re: [TS-850_450_690] Re: TS-450s problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-22 20:49:26 UTC
From: Paul
Topic: 3730  Message: 3746

Then you have adjustable voltage with a current limiting adjustment -
the power supply will limit the amount of current the device can draw -
not the same as adjustable current.

Tom Osborne wrote:

> Hi Paul
>
> Well, it says Amps. The other one says Volts.
>
> This is part of the description from the Astron webpage:
>
> ? Separate Volt and Amp Meters
> ? Output Voltage adjustable from 12-15 volts
> ? Current limit adjustable from 1.5 amp to full load
>
> 73
> Tom W7WHY
>
>
>
> > Are you sure that there is an adjustment to vary the amperage???
> > More likely, it is an adjustment to vary the voltage, which if over
> >done
> > will cook your rig.
> >
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
> ---------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
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> TS-850_450_690-unsubscribe@yahoogroups.com
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>

>
> ---
>

# 3747. Antenna help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-23 11:08:42 UTC
From: Paul Spiteri
Topic: 3747  Message: 3747

Hi everybody,
I'm looking for some help. I'm looking for a wire dipole for
80 and 160 mtrs ( with traps ) . I don't know if it is posible to make them
with one feeder. Also if someone know from where I can buy please let me
know. I thank you very much for any information and any help is appriciated.
Best 73's and good DX
de'
9H1SP
Paul
9H - HF Manager

---
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# 3748. Re: [TS-850_450_690] Antenna help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-23 12:06:36 UTC
From: mintaka capella
Topic: 3747  Message: 3748

Hello there Paul!!

I am not sure exectly what you are looking for , but
may be you can find it at http://www.spiromfg.com/

All the best.

de 9W2TZ (Hanafi, Malaysia)

--- Paul Spiteri <9h1sp@...> wrote:

> Hi everybody,
> I'm looking for some help. I'm
> looking for a wire dipole for
> 80 and 160 mtrs ( with traps ) . I don't know if it
> is posible to make them
> with one feeder. Also if someone know from where I
> can buy please let me
> know. I thank you very much for any information and
> any help is appriciated.
> Best 73's and good DX
> de'
> 9H1SP
> Paul
> 9H - HF Manager
>
> ---
> [This E-mail was scanned for spam and viruses by
> NextGen.net.]
>
>

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http://mail.yahoo.com

# 3749. Re: [TS-850_450_690] Antenna help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-23 12:21:33 UTC
From: Paul
Topic: 3747  Message: 3749

Go here:

http://www.alphadeltacom.com/pg1.htm

... and then look at the DX-LB

---

Also, look here:
http://www.freewebs.com/hypower/webdoc1.html

... and then look at the 2B8016S

Both companies use loading coils that have enough inductance to block
the higher frequencies, so each section is isolated from the lower
frequency sections.
The design is much better than traps, because there is no capacitor to
break down.

I have used antennas from both of these companies and the WORK as they
as stated, and last forever.

The second company also makes a low power version if you only want to
run 150 watts. The coils and wires are smaller.

Paul - K2BK

/---

/Paul Spiteri wrote:

> Hi everybody,
> I'm looking for some help. I'm looking for a wire
> dipole for
> 80 and 160 mtrs ( with traps ) . I don't know if it is posible to make
> them
> with one feeder. Also if someone know from where I can buy please let me
> know. I thank you very much for any information and any help is
> appriciated.
> Best 73's and good DX
> de'
> 9H1SP
> Paul
> 9H - HF Manager
>
> ---
> [This E-mail was scanned for spam and viruses by NextGen.net.]
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>
>
> THANKS FOR USING TS-850_450_690@...
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> YAHOO! GROUPS LINKS
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# 3750. Re: [TS-850_450_690] Antenna help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-23 13:45:59 UTC
From: Paul Spiteri
Topic: 3747  Message: 3750

Dear Hanafi and Paul,
I thank you very much for your kindly help.
73's de'
9H1SP
Paul
---
[This E-mail was scanned for spam and viruses by NextGen.net.]

# 3751. Re: [TS-850_450_690] Re: TS-450s problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-23 14:42:59 UTC
From: Bill K0ZL
Topic: 3730  Message: 3751

i suspect popped drivers.

Hard to prove that happened when the rig was still at
the old owner's;

You say it receives OK?

b

--- "Matthew R. Smith" <n1wjr@...> wrote:

> I have a astron rs-35m power suply its puting out
> 13.8 to 14 v when
> the radio is keyed up it only draws about 2 amps or
> less and uses
> about 1 amp just to turn the rig on.
>
>
> I think the power suply if in fine working order.
> thank you
> matt smith
> n1wjr
>
>
> -- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...> wrote:
> >
> > Suspect drivers are failed.
> >
> > What is your power supply and what is the voltage
> that
> > it is putting out?
> >
> > bill
> >
> >
>
>
>
>
>

When in doubt, MODIFY...

# 3752. Re: TS-450s problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-23 16:19:26 UTC
From: Matthew R. Smith
Topic: 3730  Message: 3752

the radio did not turn on when I got it,after replacing the internal
cpu battery it would then turn on and recive.
The radio has never transmitted with more then 5 watts sense I have
owed it !
the guy I bought it off said it was a nice radio and nothing was wrong
with it!!!

I have tryed to get ahold of him but he does not respond.
so I got shafted,oh well.thats life
now how do I fix this.
I was thinking about sending it out to Kenwood but it sounds costly
and I dont know if it is worth it?
mabey I can fix it if it is not to hard of a repair?
thank you to all that have tryed to help
matt smith
n1wjr

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
>
> i suspect popped drivers.
>
> Hard to prove that happened when the rig was still at
> the old owner's;
>
> You say it receives OK?
>
> b
>

# 3753. Re: [TS-850_450_690] Re: TS-450s problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-23 16:40:07 UTC
From: Fred Van Veen
Topic: 3730  Message: 3753

I note that you are in NH. There's an authorized Kenwood service outfit in Hollis, called Beltronics. I have used them on my TS-450, and found them good, and not too expensive. Might be worth taking a drive over with the rig.
W1NYL
On Oct 23, 2005, at 12:19 PM, Matthew R. Smith wrote:

>
>
> the radio did not turn on when I got it,after replacing the internal
> cpu battery it would then turn on and recive.
> The radio has never transmitted with more then 5 watts sense I have
> owed it !
> the guy I bought it off said it was a nice radio and nothing was wrong
> with it!!!
>
> I have tryed to get ahold of him but he does not respond.
> so I got shafted,oh well.thats life
> now how do I fix this.
> I was thinking about sending it out to Kenwood but it sounds costly
> and I dont know if it is worth it?
> mabey I can fix it if it is not to hard of a repair?
> thank you to all that have tryed to help
> matt smith
> n1wjr
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
> wrote:
>
>>
>> i suspect popped drivers.
>>
>> Hard to prove that happened when the rig was still at
>> the old owner's;
>>
>> You say it receives OK?
>>
>> b
>>
>>
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>
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> ---
> ~->
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3754. Audio fades in and out on TX Audio Monitor.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-23 09:09:18 UTC
From: Joe Sands
Topic: 3754  Message: 3754

I'm having trouble with my 850. I recently acquired a DSP-100, set it up and all was fine. I hadn't used the rig in a few weeks, went up on a 75 meter group and noticed that my audio in the monitor faded in and out. The others in the group said nothing was wrong... and that I wasn't fading.... I disconnected the DSP 100 and still noticed the same thing... any ideas?

Joe W7UV

# 3755. Re: Audio fades in and out on TX Audio Monitor.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-23 16:50:50 UTC
From: max_ve3tmt
Topic: 3754  Message: 3755

--- In TS-850_450_690@yahoogroups.com, "Joe Sands" <W7UV@A...> wrote:
>
> I'm having trouble with my 850. I recently acquired a DSP-100, set it
> up and all was fine. I hadn't used the rig in a few weeks, went up on
> a 75 meter group and noticed that my audio in the monitor faded in and
> out. The others in the group said nothing was wrong... and that I
> wasn't fading.... I disconnected the DSP 100 and still noticed the same
> thing... any ideas?
>
> Joe W7UV
>

Joe,

What do you have the TX filters set at? If you have then in the wide
setting the audio will do that. Change both filters to 2.7 on TX and
see if it stills does it.

Max

# 3756. Re: [TS-850_450_690] Audio fades in and out on TX Audio Monitor.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-23 18:05:40 UTC
From: Bill K0ZL
Topic: 3754  Message: 3756

Have to look at the switching voltages that control
the audio path from the MON circuit to the speaker
amplifier input.

b

--- Joe Sands <W7UV@...> wrote:

> I'm having trouble with my 850. I recently acquired
> a DSP-100, set it
> up and all was fine. I hadn't used the rig in a few
> weeks, went up on
> a 75 meter group and noticed that my audio in the
> monitor faded in and
> out. The others in the group said nothing was
> wrong... and that I
> wasn't fading.... I disconnected the DSP 100 and
> still noticed the same
> thing... any ideas?
>
> Joe W7UV
>
>
>
>
>
>

When in doubt, MODIFY...

# 3757. Re: [TS-850_450_690] Antenna help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-23 18:07:52 UTC
From: Bill K0ZL
Topic: 3747  Message: 3757

Paul, the best traps I think are coaxial, homemade jobs; I have used the Unadilla traps but they only last about five years in the sun, get cracks in the plastic and then arc over at anything over about 400 watts. I live at 5330 feet in Colorado, your experience may vary:

http://www.unadilla.com/traps.htm

73

bill K0ZL

--- Paul Spiteri <9h1sp@...> wrote:

> Hi everybody,
> I'm looking for some help. I'm
> looking for a wire dipole for
> 80 and 160 mtrs ( with traps ) . I don't know if it
> is posible to make them
> with one feeder. Also if someone know from where I
> can buy please let me
> know. I thank you very much for any information and
> any help is appriciated.
> Best 73's and good DX
> de'
> 9H1SP
> Paul
> 9H - HF Manager
>
> ---
> [This E-mail was scanned for spam and viruses by
> NextGen.net.]
>
>

When in doubt, MODIFY...

# 3758. Re: [TS-850_450_690] Antenna help

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-23 20:35:08 UTC
From: Eric
Topic: 3747  Message: 3758

In the 2003 ARRL radio hand book (big book) there is a project 80/160 single feed line dipole with traps you can make. I would think it is in subsequent ARRL radio handbooks too. In the Antenna section.

KR9W, Eric

mintaka capella wrote:

>Hello there Paul!!
>
>I am not sure exectly what you are looking for , but
>may be you can find it at http://www.spiromfg.com/
>
>All the best.
>
>de 9W2TZ (Hanafi, Malaysia)
>
>--- Paul Spiteri <9h1sp@...> wrote:
>
>
>
>>Hi everybody,
>> I'm looking for some help. I'm
>>looking for a wire dipole for
>>80 and 160 mtrs ( with traps ) . I don't know if it
>>is posible to make them
>>with one feeder. Also if someone know from where I
>>can buy please let me
>>know. I thank you very much for any information and
>>any help is appriciated.
>>Best 73's and good DX
>>de'
>>9H1SP
>>Paul
>>9H - HF Manager
>>
>>---
>>[This E-mail was scanned for spam and viruses by
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3759. Another try for CAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-23 21:19:31 UTC
From: pa0mir
Topic: 3759  Message: 3759

No replies received; must be a very rare problem then but just trying once more for help

RIG: TS450
CAT: homebrew interface with 7404 and MAX232
tried different computers, all the same problem
In september before leaving for 9H all was fine
Had a working CAT interface, doing everything fine
Now back and putting station together again no frequency readout on the computer anymore.
After my holiday put everything together again but now the RIG does listen to the CAT but does not give any replies to the computer.
The path from the rig to the computer is working, tested when putting a testsignal in by hand.
So give a command, rig listens e.g. QSY or change mode works.
But ask frequency rig does not give out information
Anybody has an idea as to this point? Checked every setting and connection, but found nothing amiss.

PA0MIR/9H3MIR
pa0mir@...

[Non-text portions of this message have been removed]

# 3760. Re: Another try for CAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-23 21:30:34 UTC
From: max_ve3tmt
Topic: 3759  Message: 3760

--- In TS-850_450_690@yahoogroups.com, "pa0mir" <n.byl@h...> wrote:
>
> No replies received; must be a very rare problem then but just trying once more for help

What software are you using?

# 3761. Re: [TS-850_450_690] Re: Another try for CAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-23 21:45:32 UTC
From: pa0mir
Topic: 3759  Message: 3761

Logger32/N1MMlogger/Luxlog/old QW4/SD
All were working fine before but lost the frequency readout on them all now.
Tried both the laptop (Toshiba 4600 under XP) and the Desktop (under win 2K) but I was out of luck on all.
Now trying to find the Kenwood diagram and check the working of this port.
----- Original Message -----
From: max_ve3tmt
To: TS-850_450_690@yahoogroups.com
Sent: Sunday, October 23, 2005 9:30 PM
Subject: [TS-850_450_690] Re: Another try for CAT problem

--- In TS-850_450_690@yahoogroups.com, "pa0mir" <n.byl@h...> wrote:
>
> No replies received; must be a very rare problem then but just
trying once more for help

What software are you using?

THANKS FOR USING TS-850_450_690@...

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---

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---

[Non-text portions of this message have been removed]

# 3762. Re: TS-450s problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-23 23:54:42 UTC
From: Matthew R. Smith
Topic: 3730  Message: 3762

thank you for that info I did not know there was one in nh.

does anyone know if there is a way to test the finals in the radio to see if they are gone or mabey its somthing else like that glass thing pictured on this web site ??
I just wish i could fix it myself other then send it out and pay god knows what to get it done !

thanks
matt

--- In TS-850_450_690@yahoogroups.com, Fred Van Veen <fred.grb@v...> wrote:
>
> I note that you are in NH. There's an authorized Kenwood service
> outfit in Hollis, called Beltronics. I have used them on my TS-450,
> and found them good, and not too expensive. Might be worth taking a
> drive over with the rig.
> W1NYL

# 3763. Need A Cover Screw

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-24 03:14:12 UTC
From: n5kzw
Topic: 3763  Message: 3763

I need a cover screw for a TS-450. Does anyone possibly have a spare?

Thanks,
Ed Bailen

# 3764. Re: [TS-850_450_690] Need A Cover Screw

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-24 03:43:13 UTC
From: Bill K0ZL
Topic: 3763  Message: 3764

If you don't locate one let me know, got to order a
bunch of these. Same as the 850 screw. They also work
fine on most all other rigs.

b

--- n5kzw <n5kzw@...> wrote:

> I need a cover screw for a TS-450. Does anyone
> possibly have a spare?
>
> Thanks,
> Ed Bailen
>
>
>
>

When in doubt, MODIFY...

# 3765. Re: Another try for CAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-25 03:22:58 UTC
From: jim999us
Topic: 3759  Message: 3765

I can't give you exact recommendations where to look for your problem
but can relate my recent experience trying to get my ts-850 to work
with PC Control. But, note the DC Voltage readings below: Would be
interested to hear from you what DC voltages you measure on your
TS-850.

I recently posted to this group question about Rigblaster Pro TTL to
RS-232 interface use.
No replies received.
To answer my own question, I have now learned
from Rigblaster/West Mountain Radio
that their interface built into the "PRO"
will not work with the TS-850. Wrong signal polarity.

Note the DC Voltage readings below:

Having similar problem here with my TS-850.

I've tried the Kenwood IF-232C and other suggested hookups from
sources on the Internet.
I am beginning to think the problem with Remote Control of the rig is
in the ACC-1 port having some kind of problem.
I have never been able to get the Remote port to work.

Using oscilloscope I can't see any signal of any kind coming out of
any pin on the ACC1 Din Connector.
The DC voltages are mostly correct according to the info below. But
no scope signals. I would think there should be some kind of data
coming from the TXD line .....

I have learned from the 850 Service Manual, that one should expect to
find the following DC Voltages on Acc-1 port.

TXD 0.2 (two tenths volt)
RXD 5.0
CTS 5.0
RTS 5.0

On mine, all of the 5 volt readings are correct, but the TXD line is
about .15 ... not much diff, but may indicate a problem, especially
since that's where I would think the data being sent to the computer
comes from.

Would appreciate anything you could tell me about remote operation of
the 850 since I've never seen it work but think the problem is in the
radio rather than the interface or computer here in my case....

What are you using for Interface from PC to the 850 ??

73
Jim

# 3766. Re: [TS-850_450_690] Re: Another try for CAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-25 03:46:57 UTC
From: Tom Osborne
Topic: 3759  Message: 3766

> 
> What are you using for Interface from PC to the 850 ??
> 
> 73
> Jim

Hi Jim

I recently bought a CAT interface cable from G4ZLP at ZLP electronics in the U.K. and it works like gang busters on my 450SAT. Think the 850 and 450 both use the same interface. He has them for sale on Ebay for around $40 shipped. Got mine in about 7 days. It is plug and play and real easy to set up.
Tom W7WHY

# 3767. CAT Interfaces

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-25 15:45:19 UTC
From: max_ve3tmt
Topic: 3759  Message: 3767

If there is enough interest from group members, I can build some interfaces. I have built probably 5 or so and everyone worked the first time. I can work out a price if interested. E-mail me off board.

max_ve3tmt@...

Max

# 3768. RE: [TS-850_450_690] Re: Another try for CAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-25 18:13:05 UTC
From: John A. Ross [BT]
Topic: 3759  Message: 3768

Hi

I have just coupled up our local clubs 850 via RS232 and found a small niggle with logger32.

It would also not read frequency. PTT via DTR was OK so it seen the serial port at least

That is until I went into Radio 1 config, toggled RTS high, then off again. Hey it reads the frequency now. Very strange

Our local Logger32 expert reckoned I had the configuration wrong.

The interface does require all 4 lines, I have seen some designs using 2 wires and looping back RTS/CTS but not found them to be stable.
I used a variant of one of the interfaces available on the internet which uses optocouplers for isolation as well as changing the polarity of the active states for the signals.

On my travels for a interface I saw many, I would just like to point out that unisolated interfaces using just transistors and R dividers have little or no ESD protection for the pins on the 450/850, the rigs built in protection on this point is limited. With at least a 232 transceiver in line, you will have minimum 4Kv or 15Kv depending on the 232 transceiver you pick.

John

> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com] On Behalf Of pa0mir
> Sent: Sunday, October 23, 2005 10:46 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Re: Another try for CAT problem
>
> Logger32/N1MMlogger/Luxlog/old QW4/SD
> All were working fine before but lost the frequency readout
> on them all now.
> Tried both the laptop (Toshiba 4600 under XP) and the Desktop
> (under win 2K) but I was out of luck on all.
> Now trying to find the Kenwood diagram and check the working
> of this port.
> ----- Original Message -----
> From: max_ve3tmt
> To: TS-850_450_690@yahoogroups.com
> Sent: Sunday, October 23, 2005 9:30 PM
> Subject: [TS-850_450_690] Re: Another try for CAT problem

> 
> 
> --- In TS-850_450_690@yahoogroups.com, "pa0mir" <n.byl@h...> wrote:
> >
> > No replies received; must be a very rare problem then but just
> trying once more for help
> 
> What software are you using?
> 
> 
> 
> 
> 
> 
> THANKS FOR USING TS-850_450_690@...
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> THANKS FOR USING TS-850_450_690@...
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> re&c=4&s=80&.sig=IKueKpmXBkHn27U_Hvnh0g> Ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio+an
> tenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s
> =80&.sig=bXokIJQ1t8owK72cN8w1qg> Ham radio sales
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+ra
> dio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+store
> &c=4&s=80&.sig=YBSykFO-4qT9Ui8DW2seAQ>
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> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+store&w1=Ham+ra
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> YAHOO! GROUPS LINKS
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>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690> " on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Uns
> ubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo!
> Terms of Service <http://docs.yahoo.com/info/terms/> .
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# 3769. Re: [TS-850_450_690] Re: Another try for CAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-25 19:16:24 UTC
From: ve3wej
Topic: 3759  Message: 3769

as far as I know, the if232c(or its clones) is for ALL Kenwood that require
the interface. (I think the 950 is built in....)

and should work the same settings....

----- Original Message -----
From: "Tom Osborne" <w7why@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, October 24, 2005 11:46 PM
Subject: Re: [TS-850_450_690] Re: Another try for CAT problem

>
> >
> > What are you using for Interface from PC to the 850 ??
> >
> > 73
> > Jim
>
> Hi Jim
>
> I recently bought a CAT interface cable from G4ZLP at ZLP electronics in
the
> U.K. and it works like gang busters on my 450SAT. Think the 850 and 450
> both use the same interface. He has them for sale on Ebay for around $40
> shipped. Got mine in about 7 days. It is plug and play and real easy to
> set up.
> Tom W7WHY
>
>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>
> --
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.361 / Virus Database: 267.12.5/148 - Release Date: 25/10/2005
>

>

# 3770. Re: [TS-850_450_690] Re: Another try for CAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-25 20:07:18 UTC
From: ve3wej
Topic: 3759  Message: 3770

oh yeah, some required the chip set (if10???)as well
----- Original Message -----
From: "ve3wej" <ve3wej@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, October 25, 2005 3:16 PM
Subject: Re: [TS-850_450_690] Re: Another try for CAT problem

> as far as I know, the if232c(or its clones) is for ALL Kenwood that
require
> the interface. (I think the 950 is built in....)
>
> and should work the same settings....
>
>
>
>
>
>
> ----- Original Message -----
> From: "Tom Osborne" <w7why@...>
> To: <TS-850_450_690@yahoogroups.com>
> Sent: Monday, October 24, 2005 11:46 PM
> Subject: Re: [TS-850_450_690] Re: Another try for CAT problem
>
>
> >
> > >
> > > What are you using for Interface from PC to the 850 ??
> > >
> > > 73
> > > Jim
> >
> > Hi Jim
> >
> > I recently bought a CAT interface cable from G4ZLP at ZLP electronics in
> the
> > U.K. and it works like gang busters on my 450SAT. Think the 850 and 450
> > both use the same interface. He has them for sale on Ebay for around
$40
> > shipped. Got mine in about 7 days. It is plug and play and real easy
to
> > set up.
> > Tom W7WHY
> >
> >

> >
> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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> >
> > --
> > No virus found in this incoming message.
> > Checked by AVG Free Edition.
> > Version: 7.1.361 / Virus Database: 267.12.5/148 - Release Date:
25/10/2005
> >
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>
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>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
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>
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>
> --
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.361 / Virus Database: 267.12.5/148 - Release Date: 25/10/2005
>
>

# 3771. TS690 vs. TS680

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-26 02:45:33 UTC
From: John Geiger
Topic: 3771  Message: 3771

I recently picked up a TS690 in a trade and have been using it as my main HF and 6 meter rig. Overall, it is a pretty good rig, but the NB is kind of weak when it comes to removing the power line noise that I have. I have heard that the TS680 has an outstanding NB, and I am thinking that it might be a better rig for my QTH. Has anyone been able to compare these 2 rigs, and overall, how did they compare to each other? I realize that the 690 has some extra features like cascaded filters and an internal tuner. I am surprised that the 680 has an adjustable noise blanker while the TS690 doesn't. And I also hear that the 680 has a different NB than the TS140 does, even though they are very similar.

73s John NE0P

[Non-text portions of this message have been removed]

# 3772. Re: [TS-850_450_690] TS690 vs. TS680

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-26 11:09:56 UTC
From: Bill K0ZL
Topic: 3771  Message: 3772

John if you are going to change rigs, get the 850.
With the NB mod, they are fantastic.

bill

--- John Geiger <ne0p@...> wrote:

> I recently picked up a TS690 in a trade and have
> been using it as my main HF and 6 meter rig.
> Overall, it is a pretty good rig, but the NB is kind
> of weak when it comes to removing the power line
> noise that I have. I have heard that the TS680 has
> an outstanding NB, and I am thinking that it might
> be a better rig for my QTH. Has anyone been able to
> compare these 2 rigs, and overall, how did they
> compare to each other? I realize that the 690 has
> some extra features like cascaded filters and an
> internal tuner. I am surprised that the 680 has an
> adjustable noise blanker while the TS690 doesn't.
> And I also hear that the 680 has a different NB than
> the TS140 does, even though they are very similar.
>
> 73s John NE0P
>
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3773. Re: TS690 vs. TS680

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-26 19:22:05 UTC
From: Dave
Topic: 3771  Message: 3773

Bill,

John uses the radio on six meters. Do you know of a six meter mod for
the 850?

;)

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
>
> John if you are going to change rigs, get the 850.
> With the NB mod, they are fantastic.
>
> bill
>
> --- John Geiger <ne0p@l...> wrote:
>
> > I recently picked up a TS690 in a trade and have
> > been using it as my main HF and 6 meter rig.
> > Overall, it is a pretty good rig, but the NB is kind
> > of weak when it comes to removing the power line
> > noise that I have. I have heard that the TS680 has
> > an outstanding NB, and I am thinking that it might
> > be a better rig for my QTH. Has anyone been able to
> > compare these 2 rigs, and overall, how did they
> > compare to each other? I realize that the 690 has
> > some extra features like cascaded filters and an
> > internal tuner. I am surprised that the 680 has an
> > adjustable noise blanker while the TS690 doesn't.
> > And I also hear that the 680 has a different NB than
> > the TS140 does, even though they are very similar.
> >
> > 73s John NE0P
> >
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
>
>
> When in doubt, MODIFY...
>

# 3774. Poll results for TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-26 20:58:11 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 705  Message: 3774

The following TS-850_450_690 poll is now closed. Here are the
final results:

POLL QUESTION: If you are in favour of a weekly net for our group, what band would you prefer to hold the net on?

Current propogation and antenna availability will play factors in your decision.

CHOICES AND RESULTS
- 75 meters, 1 votes, 5.56%
- 40 meters, 5 votes, 27.78%
- 20 meters, 10 votes, 55.56%
- 17 meters, 2 votes, 11.11%
- 15 meters, 0 votes, 0.00%

For more information about this group, please visit
http://groups.yahoo.com/group/TS-850_450_690

For help with Yahoo! Groups, please visit
http://help.yahoo.com/help/us/groups/

# 3775. Re: TS690 vs. TS680

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-26 20:57:38 UTC
From: max_ve3tmt
Topic: 3771  Message: 3775

--- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@y...> wrote:
>
> Bill,
>
> John uses the radio on six meters. Do you know of a six meter mod for
> the 850?
>
> ;)
>
> Dave W8NF

Don't we wish!!!

# 3776. Re: [TS-850_450_690] Re: TS690 vs. TS680

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-26 21:32:45 UTC
From: n7ioh
Topic: 3771  Message: 3776

I just sold my TS-690 and bought a TS-850 about a month ago. I am planning on using a transverter from Elecraft for 6 meters. The research I have done so far indicates that the Elecraft 6 meter transverter is the best one currently being offered. I have emailed Elecraft about getting a crystal for the transverter that will allow me to start at 26MHz instead of the standard 28MHz. This will allow me to operate on the full 6 meter band. The TS-850 is designed to allow for the use of a 6 meter transverter and will display the correct frequency when properly set up. I am waiting to hear back from Elecraft on the 26MHz crystal now.

Al, n7ioh

max_ve3tmt wrote:

>--- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@y...> wrote:
>
>
>>Bill,
>>
>>John uses the radio on six meters. Do you know of a six meter mod for
>>the 850?
>>
>>;)
>>
>>Dave W8NF
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>
>Don't we wish!!!
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>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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# 3777. Re: Re: [TS-850_450_690] Re: TS690 vs. TS680

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-26 21:37:17 UTC
From: Mark Saunders
Topic: 3771  Message: 3777

Be sure and let us know what their reply is. I would like to do the same thing.

Mark Saunders, KJ7BS
Glendale, AZ

> 
> From: n7ioh <n7ioh@...>
> Date: 2005/10/26 Wed PM 05:32:45 EDT
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] Re: TS690 vs. TS680
> 
> I just sold my TS-690 and bought a TS-850 about a month ago. I am
> planning on using a transverter from Elecraft for 6 meters. The
> research I have done so far indicates that the Elecraft 6 meter
> transverter is the best one currently being offered. I have emailed
> Elecraft about getting a crystal for the transverter that will allow me
> to start at 26MHz instead of the standard 28MHz. This will allow me to
> operate on the full 6 meter band. The TS-850 is designed to allow for
> the use of a 6 meter transverter and will display the correct frequency
> when properly set up. I am waiting to hear back from Elecraft on the
> 26MHz crystal now.
> 
> Al, n7ioh
> 
> 
> max_ve3tmt wrote:
> 
> >--- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@y...> wrote:
> > 
> > 
> > >>Bill,
> > >>
> > >>John uses the radio on six meters. Do you know of a six meter mod for
> > >>the 850?
> > >>
> > >>;)
> > >>
> > >>Dave W8NF
> > >>
> > >>
> > > 
> > > 
> > >Don't we wish!!!
> > > 
> > > 

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> >THANKS FOR USING TS-850_450_690@...
> >Yahoo! Groups Links
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 3778. Re: [TS-850_450_690] Re: TS690 vs. TS680

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-27 04:32:17 UTC
From: Gary ve3rin
Topic: 3771  Message: 3778

I was using a GE master progress line that has been converted to a 6 meter transverter set to 20 meter input and it works quite well and by setting the ts850 display to 6 meters shows the proper frequency and works great. Unfortunately at my new location I have not yet put up the tower for my 6 Meter beam. Such is the luck of the .....
Gary ve3rin
----- Original Message -----
From: "Dave" <emailw8nf@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, October 26, 2005 12:22 PM
Subject: [TS-850_450_690] Re: TS690 vs. TS680

> Bill,
>
> John uses the radio on six meters. Do you know of a six meter mod for
> the 850?
>
> ;)
>
> Dave W8NF
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
> >
> > John if you are going to change rigs, get the 850.
> > With the NB mod, they are fantastic.
> >
> > bill
> >
> > --- John Geiger <ne0p@l...> wrote:
> >
> > > I recently picked up a TS690 in a trade and have
> > > been using it as my main HF and 6 meter rig.
> > > Overall, it is a pretty good rig, but the NB is kind
> > > of weak when it comes to removing the power line
> > > noise that I have. I have heard that the TS680 has
> > > an outstanding NB, and I am thinking that it might
> > > be a better rig for my QTH. Has anyone been able to
> > > compare these 2 rigs, and overall, how did they
> > > compare to each other? I realize that the 690 has
> > > some extra features like cascaded filters and an
> > > internal tuner. I am surprised that the 680 has an
> > > adjustable noise blanker while the TS690 doesn't.
> > > And I also hear that the 680 has a different NB than
> > > the TS140 does, even though they are very similar.
> > >

> > > 73s John NE0P
> > >
> > >
> > > [Non-text portions of this message have been
> > > removed]
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> > When in doubt, MODIFY...
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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> --
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.361 / Virus Database: 267.12.4/146 - Release Date: 21/10/2005
>
>

# 3779. For Sale SSB Filter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-28 01:07:41 UTC
From: n7ioh
Topic: 3779  Message: 3779

I have for sale the Kenwood YK-88S-1, 2.4 kHz SSB filter for the 8.83 IF. The filter is like new and comes with the directions. I was told that Kenwood is not making these any more and INRAD does not make a 2.4kHz for the 8.83 IF. This filter fits a multitude of different Kenwood radios. The price is $90, this includes shipping in the continental US and Canada.

Thanks, Al, n7ioh

# 3780. TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-28 17:01:22 UTC
From: Dave
Topic: 3780  Message: 3780

Locally, there's a TS-940S available with no filters. I'm contemplating recommending it to a ham whose TS-930S was declared "not economically repairable". Asking price is $700, and it's been checked out by a tech who works for a calibration lab, and has a reputation for exacting work.

1) Is $700 a reasonable price for a TS-940S that's probably a good example of the breed?
2) Can the TS-930S filters be transferred into the TS-940S?

TIA,

73,

Dave W8NF

# 3781. RE: [TS-850_450_690] TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-28 17:17:39 UTC
From: John Geiger (NE0P)
Topic: 3780  Message: 3781

That is about an average price for a TS940 in good condition with no extra filters. And yes, the filters from the 930 will work in the 940. 73s John NE0P ---------- Original Message ---------- From: "Dave" Reply-To: TS-850_450_690@yahoogroups.com Date: Fri, 28 Oct 2005 17:01:22 -0000 > > > > >Locally, there's a TS-940S available with no filters. I'm
>contemplating recommending it to a ham whose TS-930S was declared "not
>economically repairable". Asking price is $700, and it's been checked
>out by a tech who works for a calibration lab, and has a reputation
>for exacting work.
>
>1) Is $700 a reasonable price for a TS-940S that's probably a good
>example of the breed?
>2) Can the TS-930S filters be transferred into the TS-940S?
>
>TIA,
>
>73,
>
>Dave W8NF
>
>
>
> > > > > > >

> >THANKS FOR USING TS-850_450_690@... >

> > > > > > > > > >
>
> > YAHOO! GROUPS LINKS >
>
> >
- Visit your group "TS-850_450_690 (http://groups.yahoo.com/group/TS-850_450_690)" on the web.
>
- To unsubscribe from this group, send an email to: TS-850_450_690-unsubscribe@yahoogroups.com
>
- Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service (http://docs.yahoo.com/info/terms/). > >
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> >
> > > > > > > > > > _____

# 3782. Re: [TS-850_450_690] TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-28 18:49:01 UTC
From: Bill K0ZL
Topic: 3780  Message: 3782

Yes the filters will swap, I believe

Why not suggest a TS-850? Much lower failure rate and
comparable performance to the 940.

bill

--- Dave <emailw8nf@...> wrote:

> Locally, there's a TS-940S available with no
> filters. I'm
> contemplating recommending it to a ham whose TS-930S
> was declared "not
> economically repairable". Asking price is $700, and
> it's been checked
> out by a tech who works for a calibration lab, and
> has a reputation
> for exacting work.
>
> 1) Is $700 a reasonable price for a TS-940S that's
> probably a good
> example of the breed?
> 2) Can the TS-930S filters be transferred into the
> TS-940S?
>
> TIA,
>
> 73,
>
> Dave W8NF
>
>
>
>

When in doubt, MODIFY...

# 3783. Re: [TS-850_450_690] TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-28 18:53:16 UTC
From: John Geiger (NE0P)
Topic: 3780  Message: 3783

What were the failure problems in the TS940? And the TS850 is smaller, newer, has a built in memory keyer, and built in voice keyer option. However, no built in PS. 73s John NE0P ---------- Original Message ---------- From: Bill K0ZL Reply-To: TS-850_450_690@yahoogroups.com Date: Fri, 28 Oct 2005 11:49:01 -0700 (PDT) > > > > >Yes the filters will swap, I believe
>
>Why not suggest a TS-850? Much lower failure rate and
>comparable performance to the 940.
>
>bill
>
>--- Dave wrote:
>
>> Locally, there's a TS-940S available with no
>> filters. I'm
>> contemplating recommending it to a ham whose TS-930S
>> was declared "not
>> economically repairable". Asking price is $700, and
>> it's been checked
>> out by a tech who works for a calibration lab, and
>> has a reputation
>> for exacting work.
>>
>> 1) Is $700 a reasonable price for a TS-940S that's
>> probably a good
>> example of the breed?
>> 2) Can the TS-930S filters be transferred into the
>> TS-940S?
>>
>> TIA,
>>
>> 73,
>>
>> Dave W8NF
>>
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>
>When in doubt, MODIFY...
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> >THANKS FOR USING TS-850_450_690@... >

> > > > > > > > > >
>
> > YAHOO! GROUPS LINKS >
>
> >
- Visit your group "TS-850_450_690 (http://groups.yahoo.com/group/TS-850_450_690)" on the web.
>
- To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com
>
- Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service (http://docs.yahoo.com/info/terms/). > >
>
> >
> > > > > > > > > > _____

# 3784. Re: TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-28 19:24:11 UTC
From: Dave
Topic: 3780  Message: 3784

I have similar questions. The guys I know with 940s call them "the only radio I never had to repair", whereas I've never known a TS-850 that did not at least have C1 on the CAR board go blooey, leak and cause other failures. I admit I'm unfamiliar with the TS-940. I cannot, in good conscience, recommend a TS-850 to a dedicated CW op unless they first spend time with it and determine that they can tolerate the inconsistent QSK and aggressive AGC, and are willing to spend a bucket of cash on INRAD filters, unless they can tolerate the blowby of the Kenwood filters. The reason I picked the '850 was the great performance of the front end, and to date, it has never disappointed me on that parameter. As I said, I'm not familiar with the 940, so maybe it has just as long a list of "needed mods" and "this doesn't work quite the way you expected" as the 850? Dave W8NF --- In TS-850_450_690@yahoogroups.com, "John Geiger (NE0P)" wrote: > > > What were the failure problems in the TS940? And the TS850 is smaller, newer, has a built in memory keyer, and built in voice keyer option. However, no built in PS. > > 73s John NE0P > > > > ---------- Original Message ---------- > From: Bill K0ZL > Reply-To: TS-850_450_690@yahoogroups.com > Date: Fri, 28 Oct 2005 11:49:01 -0700 (PDT) > > > > > > > > > > > > > > > >Yes the filters will swap, I believe
> >
> >Why not suggest a TS-850? Much lower failure rate and
> >comparable performance to the 940.
> >
> >bill
> >
> >--- Dave wrote:
> >
> >> Locally, there's a TS-940S available with no
> >> filters. I'm
> >> contemplating recommending it to a ham whose TS-930S
> >> was declared "not
> >> economically repairable". Asking price is $700, and
> >> it's been checked
> >> out by a tech who works for a calibration lab, and
> >> has a reputation
> >> for exacting work.
> >>
> >> 1) Is $700 a reasonable price for a TS-940S that's
> >> probably a good
> >> example of the breed?
> >> 2) Can the TS-930S filters be transferred into the
> >> TS-940S?
> >>
> >> TIA,
> >>
> >> 73,
> >>
> >> Dave W8NF

> >>
> >>
> >>
> >>
> >
> >
> >
> >When in doubt, MODIFY...
> >
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> > > > > > > > > > > >

> > > >THANKS FOR USING TS-850_450_690@Y... > >

> > > > > > > > > > > > > > > > > >
> >
> > > > YAHOO! GROUPS LINKS > >
> >
> > > >
- Visit your group "TS-850_450_690 (http://groups.yahoo.com/group/TS-850_450_690)" on the web.
> >
- To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com
> >
- Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
(http://docs.yahoo.com/info/terms/). > > > >
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---------------------------------------------------------------- >

# 3785. Re: TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-28 19:40:57 UTC
From: max_ve3tmt
Topic: 3780  Message: 3785

--- In TS-850_450_690@yahoogroups.com, "John Geiger (NE0P)"
<ne0p@l...> wrote:
>
>
> What were the failure problems in the TS940? And the TS850 is
smaller, newer, has a built in memory keyer, and built in voice keyer
option. However, no built in PS.
>
> 73s John NE0P

Final amp and power supply problems among others. Considering you can buy a used 850 for around the same price it should be a no brainer. Although I have always thought a 940 would be a nice addition to the shack.

# 3786. Re: [TS-850_450_690] Re: TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-28 19:47:10 UTC
From: jduerbusch@charter.net
Topic: 3780  Message: 3786

I never had C1 replaced in my TS-850S.

Joe K0BX

Stop the insanity!
Please do not add me to any distribution lists (Joke, Stories or Junk) without my permission.

# 3787. Re: TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-28 19:49:08 UTC
From: Dave
Topic: 3780  Message: 3787

This discussion got me to looking at the ARRL review of the TS-940. I think I would prefer it over the 850. It would depend on whether the 940's AGC is as poor as the 850's. But the '940 has an outboard RX antenna jack, more intelligent band-select switching, a "return to zero" function for the RIT/XIT, and 15dB cleaner transmit IMD. The built-in power supply of the '940, I would see as a drawback, as I do go operating portable on occasion. The 850's transmit IMD is always a concern for those of us who use big antennas and amplifiers. In my case, it's less of a concern because I so rarely use SSB.

The '850s built-in keyer is OK for casual ops, but doesn't give you enough adjustability of paddle/keyer timing characteristics if you're really trying to optimize your speed. I use an external CMOS4 and BY-1 paddle.

Interesting comparison.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "John Geiger (NE0P)"
> <ne0p@l...> wrote:
> >
> >
> > What were the failure problems in the TS940? And the TS850 is
> smaller, newer, has a built in memory keyer, and built in voice keyer
> option. However, no built in PS.
> >
> > 73s John NE0P
>
> Final amp and power supply problems among others. Considering you can
> buy a used 850 for around the same price it should be a no brainer.
> Although I have always thought a 940 would be a nice addition to the
> shack.
>

# 3788. Re: TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-28 19:50:50 UTC
From: Dave
Topic: 3780  Message: 3788

Phew! Good to know it's not a 100% thing. The two most common repairs I do for my ham buddies is C1 on the '850, and the PLL trim caps on the IC-735.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, <jduerbusch@c...> wrote:
>
> I never had C1 replaced in my TS-850S.
>
> Joe K0BX
>
>
> Stop the insanity!
> Please do not add me to any distribution lists (Joke, Stories or Junk) without my permission.
>

# 3789. Re: [TS-850_450_690] Re: TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-28 19:51:43 UTC
From: John Geiger
Topic: 3780  Message: 3789

While we are on this thread, what is the reliability of the TS930 like, and what do people think of those?

73s John NE0P

----- Original Message -----
From: Dave
To: TS-850_450_690@yahoogroups.com
Sent: Friday, October 28, 2005 7:49 PM
Subject: [TS-850_450_690] Re: TS-940S value

This discussion got me to looking at the ARRL review of the TS-940. I think I would prefer it over the 850. It would depend on whether the 940's AGC is as poor as the 850's. But the '940 has an outboard RX antenna jack, more intelligent band-select switching, a "return to zero" function for the RIT/XIT, and 15dB cleaner transmit IMD. The built-in power supply of the '940, I would see as a drawback, as I do go operating portable on occasion. The 850's transmit IMD is always a concern for those of us who use big antennas and amplifiers. In my case, it's less of a concern because I so rarely use SSB.

The '850s built-in keyer is OK for casual ops, but doesn't give you enough adjustability of paddle/keyer timing characteristics if you're really trying to optimize your speed. I use an external CMOS4 and BY-1 paddle.

Interesting comparison.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "John Geiger (NE0P)"
> <ne0p@l...> wrote:
> >
> >
> > What were the failure problems in the TS940? And the TS850 is
> smaller, newer, has a built in memory keyer, and built in voice keyer
> option. However, no built in PS.
> >
> > 73s John NE0P
>
> Final amp and power supply problems among others. Considering you can
> buy a used 850 for around the same price it should be a no brainer.
> Although I have always thought a 940 would be a nice addition to the
> shack.

>

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---

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---

[Non-text portions of this message have been removed]

# 3790. Re: [TS-850_450_690] Re: TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-28 20:01:23 UTC
From: John Geiger
Topic: 3780  Message: 3790

What is the 690/450 like for reliability?

73s john NE0P
----- Original Message -----
From: Dave
To: TS-850_450_690@yahoogroups.com
Sent: Friday, October 28, 2005 7:50 PM
Subject: [TS-850_450_690] Re: TS-940S value

Phew! Good to know it's not a 100% thing. The two most common
repairs I do for my ham buddies is C1 on the '850, and the PLL trim
caps on the IC-735.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, <jduerbusch@c...> wrote:
>
> I never had C1 replaced in my TS-850S.
>
> Joe K0BX
>
>
> Stop the insanity!
> Please do not add me to any distribution lists (Joke, Stories or
Junk) without my permission.
>

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---
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---

[Non-text portions of this message have been removed]

# 3791. C1 replacement

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-28 20:27:49 UTC
From: max_ve3tmt
Topic: 3780  Message: 3791

--- In TS-850_450_690@yahoogroups.com, <jduerbusch@c...> wrote:
>
> I never had C1 replaced in my TS-850S.
>
> Joe K0BX

Me neither Joe,

But gets me wondering if that is what has caused my TX monitor to act funny. My monitor sounds like listening to an SSB signal on AM! All I hear is the modulation as if the carrier signal is not present. If C1 is on the carrier board and has leaked maybe that is what has caused the 8.83 mhz carrier signal to disappear.

Max

# 3792. Re: TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-28 20:29:53 UTC
From: max_ve3tmt
Topic: 3780  Message: 3792

--- In TS-850_450_690@yahoogroups.com, "John Geiger" <ne0p@l...> wrote:
>
> While we are on this thread, what is the reliability of the TS930 like, and what do people think of those?
>
> 73s John NE0P

The 930 suffered from poor solder joints and unreliable power supplies. But when they were working, they sounded and performed great. If I was to build a Kenwood collector shack I would want a 930, a 940 and an 870 around my 850. That would be sweet.

Max

# 3793. Re: [TS-850_450_690] TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-28 20:34:46 UTC
From: Paul
Topic: 3780  Message: 3793

Dave wrote:

> Locally, there's a TS-940S available with no filters. I'm
> contemplating recommending it to a ham whose TS-930S was declared "not
> economically repairable". Asking price is $700, and it's been checked
> out by a tech who works for a calibration lab, and has a reputation
> for exacting work.
>
> 1) Is $700 a reasonable price for a TS-940S that's probably a good
> example of the breed?

I would pay $700 for a very good example of the breed

> 2) Can the TS-930S filters be transferred into the TS-940S?
>
No...

Paul - K2BK

# 3794. Re: [TS-850_450_690] TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-28 20:47:56 UTC
From: Paul
Topic: 3780  Message: 3794

> 2) Can the TS-930S filters be transferred into the TS-940S?

Sri - I take it back. I was told by the dealer when I bought a 940 that
it wouldn't take the older filters, so I bought brand new ones.
I just checked and they will work.

:((

Paul - K2BK

# 3795. Re: TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-28 21:45:06 UTC
From: Dave
Topic: 3780  Message: 3795

The reason my friend is in the market for a radio is because his 930 suffered a main controller board failure. Repair consists of $300 for an aftermarket replacement board, and $200 installation. Kenwood's own diagnosis is "irreparable".

Poor solder joints seem to be a Kenwood tradition. Many "common problems" on the 930 and 940 were blamed on poor soldering, and when I had to fix my own TS-850, I was stunned at the globs of solder rolling around, poor flux wetting and cold joints. Even when I was a kid I soldered better than that.

The '850 obviously has a lot going for it. In terms of RF performance and ruggedness, there is no more demanding community than the contesters and DXpeditioners. As of the last time anybody ran a poll, it took second place, behind the FT-1000 series, as the "best contest and DX radio made".

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "John Geiger" <ne0p@l...> wrote:
>
> While we are on this thread, what is the reliability of the TS930 like, and what do people think of those?
>
> 73s John NE0P
>
> ----- Original Message -----
> From: Dave
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, October 28, 2005 7:49 PM
> Subject: [TS-850_450_690] Re: TS-940S value
>
>
> This discussion got me to looking at the ARRL review of the TS-940. I
> think I would prefer it over the 850. It would depend on whether the
> 940's AGC is as poor as the 850's. But the '940 has an outboard RX
> antenna jack, more intelligent band-select switching, a "return to
> zero" function for the RIT/XIT, and 15dB cleaner transmit IMD. The
> built-in power supply of the '940, I would see as a drawback, as I do
> go operating portable on occasion. The 850's transmit IMD is always a
> concern for those of us who use big antennas and amplifiers. In my
> case, it's less of a concern because I so rarely use SSB.
>
> The '850s built-in keyer is OK for casual ops, but doesn't give you
> enough adjustability of paddle/keyer timing characteristics if you're
> really trying to optimize your speed. I use an external CMOS4 and

> BY-1 paddle.
>
> Interesting comparison.
>
> Dave W8NF
>
> --- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...>
> wrote:
> >
> > --- In TS-850_450_690@yahoogroups.com, "John Geiger (NE0P)"
> > <ne0p@l...> wrote:
> > >
> > >
> > > What were the failure problems in the TS940? And the TS850 is
> > smaller, newer, has a built in memory keyer, and built in voice
keyer
> > option. However, no built in PS.
> > >
> > > 73s John NE0P
> >
> > Final amp and power supply problems among others. Considering
you can
> > buy a used 850 for around the same price it should be a no brainer.
> > Although I have always thought a 940 would be a nice addition to the
> > shack.
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> THANKS FOR USING TS-850_450_690@Y...
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Service.
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>
> [Non-text portions of this message have been removed]
>

# 3796. DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-28 22:24:00 UTC
From: tsmithers@cix.co.uk
Topic: 1072  Message: 3796

A few months ago I acquired a DSP100 and have only just go around to setting it up with my 850.

The first thing I noticed was it appears to run quite hot - is this normal or a symptom of impending doom. I say this because the unit appears to occasionally drop out of receive.

Looking around the web I found one site, http://www.w3oz.netfirms.com/newqanda3.htm that mentioned the problem with the RCA/Phono sockets breaking away from the PCB. I've re-soldered these but it still seems quite hot and I'm still getting the drop out.

I'm now thinking about taking two cables straight into the unit and making a permanent fixing and bypassing the RCA sockets altogether, however before I do this I wondered if I'm likely to be on the right track or is there something else I should look at first.

Any advice appreciated.

Regards to all
Trevor G0KTN

# 3797. Re: [TS-850_450_690] Re: TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-28 22:55:29 UTC
From: Anthony W. DePrato
Topic: 3780  Message: 3797

At 02:47 PM 10/28/2005 -0500, jduerbusch@... wrote:
>I never had C1 replaced in my TS-850S.
i have 3 of the 850's and 2 950's only had one problem with any of the 850's but blow the finals in the 950's twice till they fixed the bias problem on them . one thing that everyone with an 850 should check for is leaking black crap out of the 26 or so 16volt caps on a couple of the boards. one of the kenwood tech's told me to keep an eye on them or better yet change them all out for new 25v caps.
73 Tony

QBE ZUT DE WA4JQS SK
A1-OP FISTS # 10573
EXTRA - HEAVY

[Non-text portions of this message have been removed]

# 3798. Re: [TS-850_450_690] TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-29 00:21:36 UTC
From: Bill K0ZL
Topic: 3780  Message: 3798

AVR unit liked to fry, PA unit around the drivers likes to fry, 29v pass transistors like to short which takes out the AVR unit and the PA drivers; bad solder joints on the PLL unit; bad solder joints in the 1st mixer and rx preamp area; etc b --- "John Geiger (NE0P)" wrote: > > What were the failure problems in the TS940? And > the TS850 is smaller, newer, has a built in memory > keyer, and built in voice keyer option. However, no > built in PS. > > 73s John NE0P > > > > ---------- Original Message > ---------- > From: Bill K0ZL > Reply-To: TS-850_450_690@yahoogroups.com > Date: Fri, 28 Oct 2005 11:49:01 -0700 (PDT) > > > > > > > > > >Yes the filters will swap, I believe
> >
> >Why not suggest a TS-850? Much lower failure rate > and
> >comparable performance to the 940.
> >
> >bill
> >
> >--- Dave wrote:
> >
> >> Locally, there's a TS-940S available with no
> >> filters.? I'm
> >> contemplating recommending it to a ham whose > TS-930S
> >> was declared "not
> >> economically repairable".? Asking price is $700, > and
> >> it's been checked
> >> out by a tech who works for a calibration lab, > and
> >> has a reputation
> >> for exacting work.?
> >>
> >> 1) Is $700 a reasonable price for a TS-940S > that's
> >> probably a good
> >> example of the breed?
> >> 2) Can the TS-930S filters be transferred into > the
> >> TS-940S?
> >>
> >> TIA,
> >>
> >> 73,
> >>
> >> Dave W8NF
> >>
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> >
> >
> >When in doubt, MODIFY...

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> > > > > > > > > > > >

> > > >THANKS FOR USING > TS-850_450_690@... > >

> > > > > > > > > > > > > > > > > >
> >
> > > > YAHOO! GROUPS LINKS > >
> >
> > > >
- ?Visit your group " href="http://groups.yahoo.com/group/TS-850_450_690">TS-850_450_690"
> on the web.
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- ?To unsubscribe from this > group, send an email to:
? href="mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe">TS-850_450_
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________________________________________________________________ > > > > > > > When in
doubt, MODIFY...

# 3799. Re: [TS-850_450_690] Re: TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-29 00:22:27 UTC
From: Bill K0ZL
Topic: 3780  Message: 3799

the 940 is a nice rig; as long as a 930/940 savvy tech
has gone through it and done the mods

b

--- max_ve3tmt <max_ve3tmt@...> wrote:

> --- In TS-850_450_690@yahoogroups.com, "John Geiger
> (NE0P)"
> <ne0p@l...> wrote:
> >
> >
> > What were the failure problems in the TS940? And
> the TS850 is
> smaller, newer, has a built in memory keyer, and
> built in voice keyer
> option. However, no built in PS.
> >
> > 73s John NE0P
>
> Final amp and power supply problems among others.
> Considering you can
> buy a used 850 for around the same price it should
> be a no brainer.
> Although I have always thought a 940 would be a nice
> addition to the
> shack.
>
>
>
>

When in doubt, MODIFY...

# 3800. Re: [TS-850_450_690] Re: TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-29 00:23:56 UTC
From: Bill K0ZL
Topic: 3780  Message: 3800

Same issues as the 940 except the AVR unit is harder
to get out.

And the "main unit" takes about an hour to free up for
service because it's so large.

But other than that, a great rig.

b

--- John Geiger <ne0p@...> wrote:

> While we are on this thread, what is the reliability
> of the TS930 like, and what do people think of
> those?
>
> 73s John NE0P
>
> ----- Original Message -----
> From: Dave
> To: TS-850_450_690@yahoogroups.com
> Sent: Friday, October 28, 2005 7:49 PM
> Subject: [TS-850_450_690] Re: TS-940S value
>
>
> This discussion got me to looking at the ARRL
> review of the TS-940. I
> think I would prefer it over the 850. It would
> depend on whether the
> 940's AGC is as poor as the 850's. But the '940
> has an outboard RX
> antenna jack, more intelligent band-select
> switching, a "return to
> zero" function for the RIT/XIT, and 15dB cleaner
> transmit IMD. The
> built-in power supply of the '940, I would see as
> a drawback, as I do
> go operating portable on occasion. The 850's
> transmit IMD is always a
> concern for those of us who use big antennas and
> amplifiers. In my
> case, it's less of a concern because I so rarely
> use SSB.
>
> The '850s built-in keyer is OK for casual ops, but
> doesn't give you

> enough adjustability of paddle/keyer timing
> characteristics if you're
> really trying to optimize your speed. I use an
> external CMOS4 and
> BY-1 paddle.
>
> Interesting comparison.
>
> Dave W8NF
>
> --- In TS-850_450_690@yahoogroups.com,
> "max_ve3tmt" <max_ve3tmt@y...>
> wrote:
> >
> > --- In TS-850_450_690@yahoogroups.com, "John
> Geiger (NE0P)"
> > <ne0p@l...> wrote:
> > > >
> > > >
> > > What were the failure problems in the TS940?
> And the TS850 is
> > smaller, newer, has a built in memory keyer, and
> built in voice keyer
> > option. However, no built in PS.
> > >
> > > 73s John NE0P
> >
> > Final amp and power supply problems among
> others. Considering you can
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> should be a no brainer.
> > Although I have always thought a 940 would be a
> nice addition to the
> > shack.
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> THANKS FOR USING TS-850_450_690@...
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>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
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>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3801. Re: TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-29 00:35:18 UTC
From: Dave
Topic: 3780  Message: 3801

Tony, C1 on the CAR board is one of the caps that Kenwood says can go leaky. They used tantalum capacitors in a lot of spots. Tantalums are notorious leakers, and really ought not be used, unless the product absolutely demands the low ESR of a tantalum. I replaced my C1 with an electrolytic - after grinding out the charred board underneath and filling the hold with new epoxy.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato" <wa4jqs@m...> wrote:
>
> At 02:47 PM 10/28/2005 -0500, jduerbusch@c... wrote:
> >I never had C1 replaced in my TS-850S.
> i have 3 of the 850's and 2 950's only had one problem with any of the
> 850's but blow the finals in the 950's twice till they fixed the bias
> problem on them . one thing that everyone with an 850 should check for is
> leaking black crap out of the 26 or so 16volt caps on a couple of the
> boards. one of the kenwood tech's told me to keep an eye on them or better
> yet change them all out for new 25v caps.
> 73 Tony
>
> QBE ZUT DE WA4JQS SK
> A1-OP FISTS # 10573
> EXTRA - HEAVY
>
> [Non-text portions of this message have been removed]
>

# 3802. Re: TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-29 00:35:58 UTC
From: Dave
Topic: 3780  Message: 3802

LOL!! Same thing I say about the 850!

D

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
>
> the 940 is a nice rig; as long as a 930/940 savvy tech
> has gone through it and done the mods
>
>
> b
>
> --- max_ve3tmt <max_ve3tmt@y...> wrote:
>
> > --- In TS-850_450_690@yahoogroups.com, "John Geiger
> > (NE0P)"
> > <ne0p@l...> wrote:
> > >
> > >
> > > What were the failure problems in the TS940? And
> > the TS850 is
> > smaller, newer, has a built in memory keyer, and
> > built in voice keyer
> > option. However, no built in PS.
> > >
> > > 73s John NE0P
> >
> > Final amp and power supply problems among others.
> > Considering you can
> > buy a used 850 for around the same price it should
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> > shack.
> >
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>
>
> When in doubt, MODIFY...
>

# 3803. Re: [TS-850_450_690] Re: TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-29 02:08:59 UTC
From: Paul Manuel
Topic: 3780  Message: 3803

--- jduerbusch@... wrote:
> I never had C1 replaced in my TS-850S.

Me neither.
But my 940 sure went south bigtime!
73,
Paul K4PDM

_____
Yahoo! Mail - PC Magazine Editors' Choice 2005
http://mail.yahoo.com

# 3804. Re: {SPAMFILTER} [TS-850_450_690] Re: TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-29 04:01:23 UTC
From: Anthony W. DePrato
Topic: 3780  Message: 3804

Hi Dave:
thanks for the info . i think steve was talking about those caps. i have the notes at work. but recall they were on two different boards and all were 16volt caps
i am getting ready to order replacement caps for all 3 of my 859sat's.
i will make sure C1 is included.
73 Tony
wa4jqs

Anthony W. DePrato WA4JQS
EXTRA - HEAVY CLASS
Since 1962
South Sandwich Island Antarctic Dxpedition Group
VP8BZL VP8SSI 3Y0PI V31SS ZD8JQS WA4JQS/4K1 WA4JQS/KC4 WA4JQS/ZS1
CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573 AMI

# 3805. Re: [TS-850_450_690] Re: TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-29 17:09:43 UTC
From: Bill K0ZL
Topic: 3780  Message: 3805

Been to two county fairs and a goat ropin', never seen
nuthin like that on the 850, Dave. All the ones I have
worked on, if anything was rolling around loose in the
rig it's because lightning vaporized it and let the
pieces out.

b

--- Dave <emailw8nf@...> wrote:

> The reason my friend is in the market for a radio is
> because his 930
> suffered a main controller board failure. Repair
> consists of $300 for
> an aftermarket replacement board, and $200
> installation. Kenwood's
> own diagnosis is "irreparable".
>
> Poor solder joints seem to be a Kenwood tradition.
> Many "common
> problems" on the 930 and 940 were blamed on poor
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> had to fix my own TS-850, I was stunned at the globs
> of solder rolling
> around, poor flux wetting and cold joints. Even
> when I was a kid I
> soldered better than that.
>
> The '850 obviously has a lot going for it. In terms
> of RF performance
> and ruggedness, there is no more demanding community
> than the
> contesters and DXpeditioners. As of the last time
> anybody ran a poll,
> it took second place, behind the FT-1000 series, as
> the "best contest
> and DX radio made".
>
> Dave W8NF
>
> --- In TS-850_450_690@yahoogroups.com, "John Geiger"
> <ne0p@l...> wrote:
> >
> > While we are on this thread, what is the
> reliability of the TS930
> like, and what do people think of those?

> >
> > 73s John NE0P
> >
> > ----- Original Message -----
> > From: Dave
> > To: TS-850_450_690@yahoogroups.com
> > Sent: Friday, October 28, 2005 7:49 PM
> > Subject: [TS-850_450_690] Re: TS-940S value
> >
> >
> > This discussion got me to looking at the ARRL
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> >
> > Dave W8NF
> >
> > --- In TS-850_450_690@yahoogroups.com,
> "max_ve3tmt" <max_ve3tmt@y...>
> > wrote:
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "John
> Geiger (NE0P)"
> > > <ne0p@l...> wrote:
> > > >
> > > >

> > > > What were the failure problems in the TS940?
> And the TS850 is
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> > > Final amp and power supply problems among
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> > THANKS FOR USING TS-850_450_690@Y...
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> > YAHOO! GROUPS LINKS
> >
> > a.. Visit your group "TS-850_450_690" on the
> web.
> >
> > b.. To unsubscribe from this group, send an
> email to:
> > TS-850_450_690-unsubscribe@yahoogroups.com
> >
> > c.. Your use of Yahoo! Groups is subject to
> the Yahoo! Terms of
> Service.
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> > [Non-text portions of this message have been
> removed]
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When in doubt, MODIFY...

# 3806. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-29 17:11:30 UTC
From: Bill K0ZL
Topic: 1072  Message: 3806

If there are three term regulators in this thing, go
ahead and change them; sometimes these fail in a way
that causes them to run hot yet not loose regulation.

Have seen it several times with the 7805 series of
regulator and once on the 78M08 mini reg.

bill

--- tsmithers@... wrote:

> A few months ago I acquired a DSP100 and have only
> just go around to setting it up
> with my 850.
>
> The first thing I noticed was it appears to run
> quite hot - is this normal or a symptom of
> impending doom. I say this because the unit appears
> to occasionally drop out of
> receive.
>
> Looking around the web I found one site,
> http://www.w3oz.netfirms.com/newqanda3.htm that
> mentioned the problem with the
> RCA/Phono sockets breaking away from the PCB. I've
> re-soldered these but it still
> seems quite hot and I'm still getting the drop out.
>
> I'm now thinking about taking two cables straight
> into the unit and making a permanent
> fixing and bypassing the RCA sockets altogether,
> however before I do this I wondered
> if I'm likely to be on the right track or is there
> something else I should look at first.
>
> Any advice appreciated.
>
> Regards to all
> Trevor G0KTN
>

When in doubt, MODIFY...

# 3807. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-29 21:02:51 UTC
From: Paul
Topic: 1072  Message: 3807

Not having owned one (so this is hearsay), but I have heard that running
hot is a characteristic of the DSP-100.
It is often made worse by users putting the 850 on top of the DSP-100,
instead of the other way around,
but under the best case, they are reported to run hot.

Paul - K2BK

Bill K0ZL wrote:

> If there are three term regulators in this thing, go
> ahead and change them; sometimes these fail in a way
> that causes them to run hot yet not loose regulation.
>
> Have seen it several times with the 7805 series of
> regulator and once on the 78M08 mini reg.
>
> bill
>
>
> --- tsmithers@... wrote:
>
> > A few months ago I acquired a DSP100 and have only
> > just go around to setting it up
> > with my 850.
> >
> > The first thing I noticed was it appears to run
> > quite hot - is this normal or a symptom of
> > impending doom. I say this because the unit appears
> > to occasionally drop out of
> > receive.
> >
> > Looking around the web I found one site,
> > http://www.w3oz.netfirms.com/newqanda3.htm that
> > mentioned the problem with the
> > RCA/Phono sockets breaking away from the PCB. I've
> > re-soldered these but it still
> > seems quite hot and I'm still getting the drop out.
> >
> > I'm now thinking about taking two cables straight
> > into the unit and making a permanent
> > fixing and bypassing the RCA sockets altogether,
> > however before I do this I wondered
> > if I'm likely to be on the right track or is there
> > something else I should look at first.
> >

> > Any advice appreciated.
> >
> > Regards to all
> > Trevor G0KTN
> >
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> When in doubt, MODIFY...
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> THANKS FOR USING TS-850_450_690@...
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>
> SPONSORED LINKS
> Ham radio antenna
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+antenna&w1=Ham+radio+antenna&w2=Ham+radio
&w3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=IKueKpmXBkHn27U_Hvnh0g>
> Ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+
radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=bXokIJQ1t8owK72cN8w1qg>
> Ham radio sales
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio+antenna&w2=Ham+radio&w
3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=YBSykFO-4qT9Ui8DW2seAQ>
>
> Ham radio store
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+store&w1=Ham+radio+antenna&w2=Ham+radio&w
3=Ham+radio+sales&w4=Ham+radio+store&c=4&s=80&.sig=m4oeX-8sH_eEqY01_uyWnw>
>
>
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> ------------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>

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> ---
>

# 3808. For Sale SM-220

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-30 11:35:27 UTC
From: smokey1310465
Topic: 3808  Message: 3808

Just got an SM-230 for my TS-850, so I am selling my SM-220. It is in good condition with a real clean display. No Pan Adaptor. Comes with original manual. I will take the best reasonable offer. Joe, WA2PJI. Please email me at rsalvo@...

# 3809. Nice surprise this weekend

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-31 01:27:58 UTC
From: John Geiger
Topic: 3809  Message: 3809

I picked up a Kenwood TS690 last weekend in a trade, and had it going for a little while in the CQWW contest this weekend. Didn't really know what to expect out of the radio, but was pleasantly surprised at how good its receiver is. The front end help up well under contest conditions, and so far it has been a nice rig to play with. ALso get great audio reports with it.

Anyone else also surprised at how good this rig turned out to be? Now I just have to find the Narrow SSB filter for it. That would have helped at times this weekend.

73s John NE0P

[Non-text portions of this message have been removed]

# 3810. Re: TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-31 02:09:53 UTC
From: Dave
Topic: 3780  Message: 3810

Bill, some of the photos you've posted from inside the 850 have cold solder joints. I was pretty much assuming those bad joints were from the factory, not ones you did ;) But they do look better than my particular 850. To be honest, the only really ugly soldering on mine is the PA section - looks badly done with a soldering iron. The other boards just look badly done with a wave soldering machine!

D

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
>
> Been to two county fairs and a goat ropin', never seen
> nuthin like that on the 850, Dave. All the ones I have
> worked on, if anything was rolling around loose in the
> rig it's because lightning vaporized it and let the
> pieces out.
>
> b
>
>
> --- Dave <emailw8nf@y...> wrote:
>
> > The reason my friend is in the market for a radio is
> > because his 930
> > suffered a main controller board failure. Repair
> > consists of $300 for
> > an aftermarket replacement board, and $200
> > installation. Kenwood's
> > own diagnosis is "irreparable".
> >
> > Poor solder joints seem to be a Kenwood tradition.
> > Many "common
> > problems" on the 930 and 940 were blamed on poor
> > soldering, and when I
> > had to fix my own TS-850, I was stunned at the globs
> > of solder rolling
> > around, poor flux wetting and cold joints. Even
> > when I was a kid I
> > soldered better than that.
> >
> > The '850 obviously has a lot going for it. In terms
> > of RF performance
> > and ruggedness, there is no more demanding community
> > than the
> > contesters and DXpeditioners. As of the last time

> > anybody ran a poll,
> > it took second place, behind the FT-1000 series, as
> > the "best contest
> > and DX radio made".
> >
> > Dave W8NF
> >
> > --- In TS-850_450_690@yahoogroups.com, "John Geiger"
> > <ne0p@l...> wrote:
> > >
> > > While we are on this thread, what is the
> > reliability of the TS930
> > like, and what do people think of those?
> > >
> > > 73s John NE0P
> > >
> > > ----- Original Message -----
> > > From: Dave
> > > To: TS-850_450_690@yahoogroups.com
> > > Sent: Friday, October 28, 2005 7:49 PM
> > > Subject: [TS-850_450_690] Re: TS-940S value
> > >
> > >
> > > This discussion got me to looking at the ARRL
> > review of the TS-940. I
> > > think I would prefer it over the 850. It would
> > depend on whether the
> > > 940's AGC is as poor as the 850's. But the '940
> > has an outboard RX
> > > antenna jack, more intelligent band-select
> > switching, a "return to
> > > zero" function for the RIT/XIT, and 15dB cleaner
> > transmit IMD. The
> > > built-in power supply of the '940, I would see
> > as a drawback, as I do
> > > go operating portable on occasion. The 850's
> > transmit IMD is always a
> > > concern for those of us who use big antennas and
> > amplifiers. In my
> > > case, it's less of a concern because I so rarely
> > use SSB.
> > >
> > > The '850s built-in keyer is OK for casual ops,
> > but doesn't give you
> > > enough adjustability of paddle/keyer timing
> > characteristics if you're
> > > really trying to optimize your speed. I use an
> > external CMOS4 and
> > > BY-1 paddle.
> > >

> > > Interesting comparison.
> > >
> > > Dave W8NF
> > >
> > > --- In TS-850_450_690@yahoogroups.com,
> > "max_ve3tmt" <max_ve3tmt@y...>
> > > wrote:
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com, "John
> > Geiger (NE0P)"
> > > > <ne0p@l...> wrote:
> > > > >
> > > > >
> > > > > What were the failure problems in the TS940?
> > And the TS850 is
> > > > smaller, newer, has a built in memory keyer,
> > and built in voice
> > keyer
> > > > option. However, no built in PS.
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> > > > Final amp and power supply problems among
> > others. Considering
> > you can
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> > should be a no brainer.
> > > > Although I have always thought a 940 would be
> > a nice addition to the
> > > > shack.
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> > >
> > > THANKS FOR USING TS-850_450_690@Y...
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> > >
> > >
> > > SPONSORED LINKS Ham radio antenna Ham radio
> > Ham radio sales
> > > Ham radio store
> > >
> > >
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> > > YAHOO! GROUPS LINKS
> > >
> > > a.. Visit your group "TS-850_450_690" on the
> > web.
> > >
> > > b.. To unsubscribe from this group, send an
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> > > [Non-text portions of this message have been
> > removed]
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>
>
> When in doubt, MODIFY...
>

# 3811. Re: [TS-850_450_690] Re: TS-940S value

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-10-31 11:44:03 UTC
From: Bill K0ZL
Topic: 3780  Message: 3811

As I said, Dave, I have not seen such things yet; you may have a rig that was not done right, or we have different opinions as to what looks bad for solder jobs! hi...

b

--- Dave <emailw8nf@...> wrote:

> Bill, some of the photos you've posted from inside
> the 850 have cold
> solder joints. I was pretty much assuming those bad
> joints were from
> the factory, not ones you did ;) But they do look
> better than my
> particular 850. To be honest, the only really ugly
> soldering on mine
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> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...> wrote:
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> >
> > --- Dave <emailw8nf@y...> wrote:
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> > > The reason my friend is in the market for a
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> Repair
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> > > Poor solder joints seem to be a Kenwood
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> > >
> > > The '850 obviously has a lot going for it. In
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> > > anybody ran a poll,
> > > it took second place, behind the FT-1000 series,
> as
> > > the "best contest
> > > and DX radio made".
> > >
> > > Dave W8NF
> > >
> > > --- In TS-850_450_690@yahoogroups.com, "John
> Geiger"
> > > <ne0p@l...> wrote:
> > > >
> > > > While we are on this thread, what is the
> > > reliability of the TS930
> > > like, and what do people think of those?
> > > >
> > > > 73s John NE0P
> > > >
> > > > ----- Original Message -----
> > > > From: Dave
> > > > To: TS-850_450_690@yahoogroups.com
> > > > Sent: Friday, October 28, 2005 7:49 PM
> > > > Subject: [TS-850_450_690] Re: TS-940S value
> > > >

> > > >
> > > > This discussion got me to looking at the
> ARRL
> > > review of the TS-940. I
> > > > think I would prefer it over the 850. It
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> > > depend on whether the
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> > > characteristics if you're
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> > > > Interesting comparison.
> > > >
> > > > Dave W8NF
> > > >
> > > > --- In TS-850_450_690@yahoogroups.com,
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> > > > wrote:
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> > > > > --- In TS-850_450_690@yahoogroups.com,
> "John
> > > Geiger (NE0P)"
> > > > > <ne0p@l...> wrote:

> > > > > >
> > > > > >
> > > > > > What were the failure problems in the
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> > > And the TS850 is
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> > > > > option. However, no built in PS.
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> > > > > > 73s John NE0P
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> > > > > THANKS FOR USING TS-850_450_690@Y...
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> > > > >
> > > > >
> > > > > SPONSORED LINKS Ham radio antenna Ham radio
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> > > Ham radio sales
> > > > > Ham radio store
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> > > > > YAHOO! GROUPS LINKS
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> > > > > a.. Visit your group "TS-850_450_690" on
> the
> > > web.

> > > >
> > > > b.. To unsubscribe from this group, send
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> > > >
> TS-850_450_690-unsubscribe@yahoogroups.com
> > > >
> > > > c.. Your use of Yahoo! Groups is subject
> to
> > > the Yahoo! Terms of
> > > Service.
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When in doubt, MODIFY...

# 3812. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-01 11:58:00 UTC
From: tsmithers@cix.co.uk
Topic: 1072  Message: 3812

>If there are three term regulators in this thing, go
>ahead and change them; sometimes these fail in a way
>that causes them to run hot yet not loose regulation

Excellent suggestion Bill, thank you. There is at least one 7805 in the unit so I'll have a closer look at this when I open the case up again. Strangely, the unit appears to be behaving itself at the moment.

Trevor G0KTN

# 3813. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-01 11:58:00 UTC
From: tsmithers@cix.co.uk
Topic: 1072  Message: 3813

>I have heard that running
>hot is a characteristic of the DSP-100.
Thanks for that Paul - at least it confirms my findings. Looking back through the archive I see some users have talked about using a small fan to keep it under control.

>It is often made worse by users putting the 850 on top of the DSP-100
Hmmm, that's just asking for trouble.

73
Trevor G0KTN

# 3814. FS: Soundcard interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-01 17:00:35 UTC
From: John Geiger (NE0P)
Topic: 3814  Message: 3814

I have for sale a Buxcomm Rascal soundcard interface, wired for 13pin Kenwood radios like the TS2000/570/870/450/690. Works fine, I am asking $30 + $3 shipping. Only selling because I am changing to another radio for HF.

73s John NE0P

---

# 3815. FS: CW/SSB filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-01 17:07:30 UTC
From: John Geiger (NE0P)
Topic: 3815  Message: 3815

I have had a change in plans radiowise, so have several Kenwood filters for sale. They fit the 450/690/850/570 series, and I am asking $70 each plus a little for shipping. Here is what I have:

1. YK-88C-1 500hz CW for 8.83 IF
2. YK-88SN-1 1.8khz SSB for 8.83 IF
3. YK-455C-1 500hz CW for 455khz IF.

73s John NE0P

---

# 3816. Re: [TS-850_450_690] Nice surprise this weekend

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-02 02:55:03 UTC
From: n7ioh
Topic: 3809  Message: 3816

Hi John, I just sold my TS-690S about 6 weeks ago. I bought it new and liked it quite well. I had added both 2.1 IF filters from INRAD and the 2.1 filters didn't seem to make a lot of difference from the 2.4 filters. If you are going to use the radio for contesting in SSB I would suggest using the 1.8 IF filters from INRAD. I only used the radio for rag chewing. Something I have added and now use all the time is a Clearspeech speaker. I have two of the old ones before Heil bought them out and improved them and then raised the price. I have found stations that I just can't copy until I turn on the Clearspeech. I am sure there are other good audio DSP units but I have not used them. If you can barrow one to test I think you will buy one. Welcome to the group and enjoy your new toy.

Al, n7ioh

John Geiger wrote:

>I picked up a Kenwood TS690 last weekend in a trade, and had it going for a little while in the CQWW contest this weekend. Didn't really know what to expect out of the radio, but was pleasantly surprised at how good its receiver is. The front end help up well under contest conditions, and so far it has been a nice rig to play with. ALso get great audio reports with it.
>
>Anyone else also surprised at how good this rig turned out to be? Now I just have to find the Narrow SSB filter for it. That would have helped at times this weekend.
>
>73s John NE0P
>
>
>[Non-text portions of this message have been removed]
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>THANKS FOR USING TS-850_450_690@...
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# 3817. Re: [TS-850_450_690] FS: Soundcard interface

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-02 12:16:20 UTC
From: Frank Heffner
Topic: 3814  Message: 3817

Hi John,

Name here is Frank. Would like to know if the Rascal will work with the TS-850S, if so is it still available for sale? If it is please let me know the method of payment. I'm in Germany but will pay additional postage. Thank you in advance.

Best 73, Frank
WI2R/DL1RW

"John Geiger (NE0P)" <ne0p@...> wrote:
I have for sale a Buxcomm Rascal soundcard interface, wired for 13pin Kenwood radios like the TS2000/570/870/450/690. Works fine, I am asking $30 + $3 shipping. Only selling because I am changing to another radio for HF.

73s John NE0P


---

THANKS FOR USING TS-850_450_690@...

SPONSORED LINKS
Ham radio antenna Ham radio Ham radio sales Ham radio store

---

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Yahoo! FareChase - Search multiple travel sites in one click.

[Non-text portions of this message have been removed]

# 3818. Audio DSP Program...in case you haven't seen this one

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-02 12:20:28 UTC
From: max_ve3tmt
Topic: 3818  Message: 3818

Hey guys,

I have been tinkering with this audio DSP program for a little while on my 850 and it is very helpful at times. It's free too! Be careful with some of the parameters you set as using the wrong value will crash the program. It has helped me make many contacts under noisy conditions. Read the instructions because you have to set your mic input on the soundcard on mute or you will bypass the filter. (trust me I speak from experience here!)

If you try it out, let me know what you think.

Max

PS It's in the files section.

# 3819. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-02 12:21:23 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 3819

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /DSPFIL111E.exe
Uploaded by : max_ve3tmt <max_ve3tmt@...>
Description : DSP Audio for your rig. Read the help file!!!

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/DSPFIL111E.exe

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

max_ve3tmt <max_ve3tmt@...>

# 3820. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-02 15:03:32 UTC
From: Bill K0ZL
Topic: 1072  Message: 3820

Three term regulators can go into oscillation from
time to time; they are basically high-gain, power op
amps, hi!

Good luck, keep us posted.

Bill K0ZL

--- tsmithers@... wrote:

> >If there are three term regulators in this thing,
> go
> >ahead and change them; sometimes these fail in a
> way
> >that causes them to run hot yet not loose
> regulation
>
> Excellent suggestion Bill, thank you. There is at
> least one 7805 in the unit so I'll have a
> closer look at this when I open the case up again.
> Strangely, the unit appears to be
> behaving itself at the moment.
>
> Trevor G0KTN
>

When in doubt, MODIFY...

# 3821. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-02 17:34:06 UTC
From: Ron Meiring
Topic: 1072  Message: 3821

Oscillation is a decopling problem with these voltage regulators.
2 small 10nF caps (or similar range) on the in and output will do the
job. Quite often these caps are left out ...
A good scope on the output will show you the noise.

Ron VK6KDD

On Wed, 2 Nov 2005 07:03:32 -0800 (PST), Bill K0ZL wrote:
>Three term regulators can go into oscillation from
>time to time; they are basically high-gain, power op
>amps, hi!
>
>Good luck, keep us posted.
>
>Bill K0ZL
>
>--- tsmithers@... wrote:
>
>>>If there are three term regulators in this thing,
>>go
>>>ahead and change them; sometimes these fail in a
>>way
>>>that causes them to run hot yet not loose
>>regulation
>>
>>Excellent suggestion Bill, thank you. There is at
>>least one 7805 in the unit so I'll have a
>>closer look at this when I open the case up again.
>>Strangely, the unit appears to be
>>behaving itself at the moment.
>>
>>Trevor G0KTN
>>
>
>
>
>When in doubt, MODIFY...
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>
>THANKS FOR USING TS-850_450_690@...

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# 3822. Can I use my Iambic keyer with my TS-690Sat?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-02 15:37:50 UTC
From: pa7two
Topic: 3822  Message: 3822

Hi to all,

Using my TS-690 mostly for SSB usage, more and more I am using CW
again.
My question is: Can I connect a Kent paddle to my TS-690? Has this rig
a keyer inside?

Looking forward to the answers,

With kind regards,

Kees - pa7two - m5two.

# 3823. Re: [TS-850_450_690] Can I use my Iambic keyer with my TS-690Sat?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-02 19:34:59 UTC
From: Bill K0ZL
Topic: 3822  Message: 3823

The 450 and 690 do NOT have built-in keyers.

bill

--- pa7two <pa7two@...> wrote:

> Hi to all,
>
> Using my TS-690 mostly for SSB usage, more and more
> I am using CW
> again.
> My question is: Can I connect a Kent paddle to my
> TS-690? Has this rig
> a keyer inside?
>
> Looking forward to the answers,
>
> With kind regards,
>
> Kees - pa7two - m5two.
>
>
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>
>

When in doubt, MODIFY...

# 3824. Re: [TS-850_450_690] DSP-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-02 19:37:54 UTC
From: Bill K0ZL
Topic: 1072  Message: 3824

A too-large value on the output of a three term
regulator will also send it packin', strange but true!

bill

--- Ron Meiring <rmeiring@...> wrote:

> Oscillation is a decopling problem with these
> voltage regulators.
> 2 small 10nF caps (or similar range) on the in and
> output will do the
> job. Quite often these caps are left out ...
> A good scope on the output will show you the noise.
>
> Ron VK6KDD
>
> On Wed, 2 Nov 2005 07:03:32 -0800 (PST), Bill K0ZL
> wrote:
> >Three term regulators can go into oscillation from
> >time to time; they are basically high-gain, power
> op
> >amps, hi!
> >
> >Good luck, keep us posted.
> >
> >Bill K0ZL
> >
> >--- tsmithers@... wrote:
> >
> >>>If there are three term regulators in this thing,
> >>go
> >>>ahead and change them; sometimes these fail in a
> >>way
> >>>that causes them to run hot yet not loose
> >>regulation
> >>
> >>Excellent suggestion Bill, thank you. There is at
> >>least one 7805 in the unit so I'll have a
> >>closer look at this when I open the case up again.
> >>Strangely, the unit appears to be
> >>behaving itself at the moment.
> >>
> >>Trevor G0KTN
> >>
> >
> >

> >
> >When in doubt, MODIFY...
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> >
> >THANKS FOR USING TS-850_450_690@...
> >
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> >
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> >Your use of Yahoo! Groups is subject to the Yahoo!
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>

When in doubt, MODIFY...

# 3826. Something to watch for.....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 11:53:47 UTC
From: max_ve3tmt
Topic: 3826  Message: 3826

After aquiring my current 850, which was quite a long time ago I performed the antenna tuner mod as I did on all my previous ones. One thing that struck me odd after moving into the new QTH and putting up the new antenna is that the tuner would take forever to find a match and when it did it would not stop tuning. It would bypass the dip and keep going. What I found really wierd is that is could not even tune my R7 in the 40m band, even though without the tuner it is resonant around 7.070. Last night I brought some good industrial lubricant home to do the tuner gears and anything else that needed it. Just on a whim I decided to reverse the two coax cables going into and coming from the tuner board. Voila! it now works the way I remember, finding a match usually in less than one second and the tuner quits when it finds the match. So if you plan on doing the tuner mod, make sure you test the tuner before putting the lid back on. I wish I had checked this long ago, it would have saved a lot of frustration!

Max

# 3827. Re: [TS-850_450_690] Something to watch for.....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 12:25:53 UTC
From: Paul
Topic: 3826  Message: 3827

What is the tuner mod??

I have my 850 on the bench an plan to do the MARS mod, the BC band mod, new lithium battery and a few other things and if this is worth doing, I would like to do it while everything is apart.

Paul - K2BK

max_ve3tmt wrote:

> After aquiring my current 850, which was quite a long time ago I
> performed the antenna tuner mod as I did on all my previous ones. One
> thing that struck me odd after moving into the new QTH and putting up
> the new antenna is that the tuner would take forever to find a match
> and when it did it would not stop tuning. It would bypass the dip and
> keep going. What I found really wierd is that is could not even tune
> my R7 in the 40m band, even though without the tuner it is resonant
> around 7.070. Last night I brought some good industrial lubricant home
> to do the tuner gears and anything else that needed it. Just on a whim
> I decided to reverse the two coax cables going into and coming from
> the tuner board. Voila! it now works the way I remember, finding a
> match usually in less than one second and the tuner quits when it
> finds the match. So if you plan on doing the tuner mod, make sure you
> test the tuner before putting the lid back on. I wish I had checked
> this long ago, it would have saved a lot of frustration!
>
> Max
>
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>
> THANKS FOR USING TS-850_450_690@...
>
>
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> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+antenna&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+outlet&c=4&s=81&.sig=VkQ40eXv4Kvaglhm2tINYg>
> Ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+outlet&c=4&s=81&.sig=u8oeqZCHOSvuakhEnICRcg>
> Ham radio sales
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+outlet&c=4&s=81&.sig=cDsZjxqbr32SVM47ZlduMQ>

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> Ham radio outlet
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+outlet&w1=Ham+radio+antenna&w2=Ham+radio&
w3=Ham+radio+sales&w4=Ham+radio+outlet&c=4&s=81&.sig=tI7ca7JSnYSLKZeQb9MFkg>
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>

# 3828. Re: [TS-850_450_690] Something to watch for.....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 13:03:56 UTC
From: Zack Widup
Topic: 3826  Message: 3828

I believe the mod he refers to enables the tuner on receive as well as transmit. I'm not sure if it's in the group files but I know it's at www.mods.dk.

The other two mods are easy to do and great, also. Why Kenwood puts those BC band filters in their rigs is beyond me but it is a hot rcvr on the AM BC band after the simple mod.

Consider doing the noise blanker mod too while you have it open.

73, Zack W9SZ

On Fri, 4 Nov 2005, Paul wrote:

> What is the tuner mod??
>
> I have my 850 on the bench an plan to do the MARS mod, the BC band mod,
> new lithium battery and a few other things and if this is worth doing, I
> would like to do it while everything is apart.
>
> Paul - K2BK

# 3829. Re: [TS-850_450_690] Something to watch for.....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 15:10:04 UTC
From: Bill K0ZL
Topic: 3826  Message: 3829

So it was trying to tune for "MAX" swr! hi hi

bill

--- max_ve3tmt <max_ve3tmt@...> wrote:

> After aquiring my current 850, which was quite a
> long time ago I
> performed the antenna tuner mod as I did on all my
> previous ones. One
> thing that struck me odd after moving into the new
> QTH and putting up
> the new antenna is that the tuner would take forever
> to find a match
> and when it did it would not stop tuning. It would
> bypass the dip and
> keep going. What I found really wierd is that is
> could not even tune
> my R7 in the 40m band, even though without the tuner
> it is resonant
> around 7.070. Last night I brought some good
> industrial lubricant home
> to do the tuner gears and anything else that needed
> it. Just on a whim
> I decided to reverse the two coax cables going into
> and coming from
> the tuner board. Voila! it nw works the way I
> remember them, finding a
> match usually less than one second and the tuner
> quits when it finds
> the match. So if you plan on doing the tuner mod,
> make sure you test
> the tuner before putting the lid back on. I wish I
> had checked this
> long ago, it would have saved a lot of frustration!
>
> Max
>
>
>
>

When in doubt, MODIFY...

# 3830. Re: [TS-850_450_690] Something to watch for.....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 15:13:00 UTC
From: Bill K0ZL
Topic: 3826  Message: 3830

It's to route the receive path thru the tuner to
increase sensitivity when using the tuner.

I don't recommend it because the tuner is a bit noisy
on 10-15 meters, and puts birdies all over the bands
when you do the mod. At least mine did.

I undid it tout-suite.

b

--- Paul <condor@...> wrote:

> What is the tuner mod??
>
> I have my 850 on the bench an plan to do the MARS
> mod, the BC band mod,
> new lithium battery and a few other things and if
> this is worth doing, I
> would like to do it while everything is apart.
>
> Paul - K2BK
>
>
>
> max_ve3tmt wrote:
>
> > After aquiring my current 850, which was quite a
> long time ago I
> > performed the antenna tuner mod as I did on all my
> previous ones. One
> > thing that struck me odd after moving into the new
> QTH and putting up
> > the new antenna is that the tuner would take
> forever to find a match
> > and when it did it would not stop tuning. It would
> bypass the dip and
> > keep going. What I found really wierd is that is
> could not even tune
> > my R7 in the 40m band, even though without the
> tuner it is resonant
> > around 7.070. Last night I brought some good
> industrial lubricant home
> > to do the tuner gears and anything else that
> needed it. Just on a whim
> > I decided to reverse the two coax cables going

> into and coming from
> > the tuner board. Voila! it now works the way I
> remember, finding a
> > match usually in less than one second and the
> tuner quits when it
> > finds the match. So if you plan on doing the tuner
> mod, make sure you
> > test the tuner before putting the lid back on. I
> wish I had checked
> > this long ago, it would have saved a lot of
> frustration!
> >
> > Max
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> >
> > THANKS FOR USING TS-850_450_690@...
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<http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+outlet&c=4&s=81&.sig=u8oeqZCHOSvuakhEnICRcg>
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> > Ham radio sales
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<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+outlet&c=4&s=81&.sig=cDsZjxqbr32SVM47ZlduMQ>
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> >
> > Ham radio outlet
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<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+outlet&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+outlet&c=4&s=81&.sig=tI7ca7JSnYSLKZeQb9MFkg>
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> > YAHOO! GROUPS LINKS
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When in doubt, MODIFY...

# 3831. Undocumented feature in 450/690?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 15:55:43 UTC
From: John Geiger (NE0P)
Topic: 3831  Message: 3831

My Kenwood TS690 turns off when I disconnect the antenna, or when there is no antenna connected I cannot turn it on? Is this normal behavior for this rig?

73s John NE0P

_____

# 3832. Re: [TS-850_450_690] Undocumented feature in 450/690?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 16:04:32 UTC
From: Tom LeClerc W1TJL
Topic: 3831  Message: 3832

On 11/4/05, John Geiger (NE0P) <ne0p@...> wrote:
>
> My Kenwood TS690 turns off when I disconnect the antenna, or when there is
> no antenna connected I cannot turn it on? Is this normal behavior for this
> rig?
>
> 73s John NE0P

No, mine (a late version 690SAT does not do that. Check to be sure the unit
has a good ground as the shield may be supplying the return path for the
negative DC. (blown fuse in the negative line??)
73, Tom W1TJL

[Non-text portions of this message have been removed]

# 3833. Tuner Mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 17:05:57 UTC
From: max_ve3tmt
Topic: 3826  Message: 3833

Paul,

The mod I am referring to involves rerouting the tuner so it works in receive as well as transmit. It is very easy to do and worthwhile in my case. I notice a 2-3 S unit increase in receive after the mod. I did a writeup in the files section way back. The pictures arent that great...cheap camera I had at the time.

Max

# 3834. Re: Undocumented feature in 450/690?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 17:04:00 UTC
From: max_ve3tmt
Topic: 3831  Message: 3834

--- In TS-850_450_690@yahoogroups.com, Tom LeClerc W1TJL <w1tjl@a...>
wrote:

> No, mine (a late version 690SAT does not do that. Check to be sure
the unit
> has a good ground as the shield may be supplying the return path for the
> negative DC. (blown fuse in the negative line??)
> 73, Tom W1TJL

I was going to suggest exactly the same thing Tom. Sounds like he is
using the ground of the coax as his negative return.

Max

# 3835. Re: Something to watch for.....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 17:08:19 UTC
From: max_ve3tmt
Topic: 3826  Message: 3835

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
>
> So it was trying to tune for "MAX" swr! hi hi
>
> bill

It had me scratching my head Bill. Seemed odd it wouldn't match the R7 on the upper end of 40m yet it would tune my longwire on 160! Of course I had to use the tuner in manual mode. Now it's behaving..hit the tune button and presto...matched.

Max

# 3836. M.CH knob skipping

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 17:09:51 UTC
From: max_ve3tmt
Topic: 3836  Message: 3836

I have noticed the tuning using the memory channel is getting a bit erratic. I set it for 5 khz steps for tuning through the shortwave bands but at times it goes up instead of down or doesn't change the frequency with each "click". Can this be cleaned or its it something else?

Max

# 3837. Re: [TS-850_450_690] Undocumented feature in 450/690?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 17:43:22 UTC
From: Bill K0ZL
Topic: 3831  Message: 3837

Check your negative lead fuse.

then remove it and connect the two wires together!

I can't stand those darn things.

bill

--- "John Geiger (NE0P)" <ne0p@...> wrote:

> My Kenwood TS690 turns off when I disconnect the
> antenna, or when there is no antenna connected I
> cannot turn it on? Is this normal behavior for this
> rig?
>
> 73s John NE0P
>
>
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>

When in doubt, MODIFY...

# 3838. Re: [TS-850_450_690] M.CH knob skipping

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 17:45:23 UTC
From: Bill K0ZL
Topic: 3836  Message: 3838

Can you get in there and squirt the encoder?

If not, a new one is going to be needed.

My slop tuning control is getting intermittant.

b

--- max_ve3tmt <max_ve3tmt@...> wrote:

> I have noticed the tuning using the memory channel
> is getting a bit
> erratic. I set it for 5 khz steps for tuning through
> the shortwave
> bands but at times it goes up instead of down or
> doesn't change the
> frequency with each "click". Can this be cleaned or
> its it something else?
>
> Max
>
>
>
>
>

When in doubt, MODIFY...

# 3839. Re: M.CH knob skipping

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 18:18:08 UTC
From: David Clark
Topic: 3836  Message: 3839

> I have noticed the tuning using the memory channel is getting a bit
> erratic. I set it for 5 khz steps for tuning through the shortwave
> bands but at times it goes up instead of down or doesn't change the
> frequency with each "click". Can this be cleaned or its it something
else?
>
> Max
>

I suspect that this control is a mechanical encoder - in which case another group member suggested "shooting" it with cleaner. I concur with this suggestion.

If the problem persists, you should replace the control. These are generally good for a limited amount of use - compared to the optical based main tuning control.

Before you ask, conversion of the mechanical encoder to a optical version is not practical. These are generally larger (thus won't fit the existing space of the smaller mechanical type), cost a bunch more typically and would probably require some additional interface circuitry.

In a design I am working on, low cost mechanical encoders found from various sources on the net - but I would try to use the original Kenwood OEM version. This will assure no kluge modifications and the shaft will be properly sized to fit the Kenwood original knob.

Best regards,
David Clark, ai2a
ai2a@...

# 3840. Re: M.CH knob skipping

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 19:29:25 UTC
From: merckxist
Topic: 3836  Message: 3840

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...>
wrote:
>
> I have noticed the tuning using the memory channel is getting a bit
> erratic. I set it for 5 khz steps for tuning through the shortwave
> bands but at times it goes up instead of down or doesn't change the
> frequency with each "click". Can this be cleaned or its it
something else?
>
> Max
>
Max,
I had a similar problem in my TS-850.At the suggestion of Bill, K0ZL,
I put a small squirt or two of "Cailube MCL", down the shaft.It seems
to have cleared the problem.I did this earlier in the summer and the
problem has not returned.I had to get the Cailube from the
manufacturer, over the web.No one in Albuquerque had it, or had even
heard of it.It seems to be a product made for the music business, to
lube conductive plastics, pots, etc.It's expensive, but a lot less
than a new Mem Ch/Vfo Ch control.
Al
KJ5GT

# 3841. Re: M.CH knob skipping

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 19:28:48 UTC
From: merckxist
Topic: 3836  Message: 3841

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...>
wrote:
>
> I have noticed the tuning using the memory channel is getting a bit
> erratic. I set it for 5 khz steps for tuning through the shortwave
> bands but at times it goes up instead of down or doesn't change the
> frequency with each "click". Can this be cleaned or its it
something else?
>
> Max
>
Max,
I had a similar problem in my TS-850.At the suggestion of Bill, K0ZL,
I put a small squirt or two of "Cailube MCL", down the shaft.It seems
to have cleared the problem.I did this earlier in the summer and the
problem has not returned.I had to get the Cailube from the
manufacturer, over the web.No one in Albuquerque had it, or had even
heard of it.It seems to be a product made for the music business, to
lube conductive plastics, pots, etc.It's expensive, but a lot less
than a new Mem Ch/Vfo Ch control.
Al
KJ5GT

# 3842. Re: [TS-850_450_690] Re: M.CH knob skipping

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 19:54:17 UTC
From: Zack Widup
Topic: 3836  Message: 3842

I had never heard of this product before, so I Googled it. Came up with:

http://store.caig.com/s.nl/sc.2/category.293/.f

They have several sizes, the small can is $7.95. I think I will try it out. Maybe it can do something for the dirty pot in my Millen 90651 grid dipper I bought at a hamfest last summer.

They have a lot of other neat products listed on their webpage.

73, Zack W9SZ

On Fri, 4 Nov 2005, merckxist wrote:

> Max,
> I had a similar problem in my TS-850.At the suggestion of Bill, K0ZL,
> I put a small squirt or two of "Cailube MCL", down the shaft.It seems
> to have cleared the problem.I did this earlier in the summer and the
> problem has not returned.I had to get the Cailube from the
> manufacturer, over the web.No one in Albuquerque had it, or had even
> heard of it.It seems to be a product made for the music business, to
> lube conductive plastics, pots, etc.It's expensive, but a lot less
> than a new Mem Ch/Vfo Ch control.
> Al
> KJ5GT
>

# 3843. Re: [TS-850_450_690] Something to watch for.....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 21:03:59 UTC
From: Paul
Topic: 3826  Message: 3843

Zack Widup wrote:

> I believe the mod he refers to enables the tuner on receive as well as
> transmit. I'm not sure if it's in the group files but I know it's at
> www.mods.dk.
>
Thanks...

> The other two mods are easy to do and great, also. Why Kenwood puts those
> BC band filters in their rigs is beyond me but it is a hot rcvr on the AM
> BC band after the simple mod.
>
> Consider doing the noise blanker mod too while you have it open.
>
That's one of the ones that I have a;ready planed for - the print outs
are on the bench.

Paul - K2BK

# 3844. Re: [TS-850_450_690] Tuner Mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 21:07:12 UTC
From: Paul
Topic: 3826  Message: 3844

Max...

Is there a 2 to 3 S unit improvement even when the antenna is 1:1 or
there abouts, or only when the SWR
is high like 3:1??

Paul - K2BK

max_ve3tmt wrote:

> Paul,
>
> The mod I am referring to involves rerouting the tuner so it works in
> receive as well as transmit. It is very easy to do and worthwhile in
> my case. I notice a 2-3 S unit increase in receive after the mod. I
> did a writeup in the files section way back. The pictures arent that
> great...cheap camera I had at the time.
>
> Max
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
> ---------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ---------------------------------------------------------------------
>

# 3845. Re: [TS-850_450_690] Tuner Mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 21:12:36 UTC
From: Zack Widup
Topic: 3826  Message: 3845

There is no improvement when the antenna is already matched to the rig without the tuner. It shows up most when the SWR to the antenna without the tuner is high.

73, Zack W9SZ

On Fri, 4 Nov 2005, Paul wrote:

> Max...
>
> Is there a 2 to 3 S unit improvement even when the antenna is 1:1 or
> there abouts, or only when the SWR
> is high like 3:1??
>
> Paul - K2BK
>

# 3846. Re: Tuner Mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 22:06:06 UTC
From: max_ve3tmt
Topic: 3826  Message: 3846

--- In TS-850_450_690@yahoogroups.com, Paul <condor@m...> wrote:
>
> Max...
>
> Is there a 2 to 3 S unit improvement even when the antenna is 1:1 or
> there abouts, or only when the SWR
> is high like 3:1??
>
> Paul - K2BK

Well not much difference with the vertical because it is pretty
resonant, but in the case of my dipole it makes a very noticeable
difference between in and out.

Max

# 3847. Kenwood or inrad filters wanted

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-04 23:49:35 UTC
From: Steve Foster
Topic: 3847  Message: 3847

Hello all,
I am looking for INRAD #94 and #96, and Kenwood yg-455s-1 and yk-88s-1 filters. The Inrad's are 2.1 and the kenwoods are 2.4.
Thanks in advance.
Steve WB5OMP

# 3848. TS-850 NO AUDIO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-05 02:36:41 UTC
From: saker_quraish
Topic: 3848  Message: 3848

Hi All,

recently i noticed when i turn my ts-850 on,everything appears fine

except no audio but when i Push the mic P.T.T the audio returns fine

just for few seconds and returns dead (on all band all mode!!)

any help appreciated.

Thanks

Ali

# 3849. Re: Tuner Mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-05 02:35:14 UTC
From: Dave
Topic: 3826  Message: 3849

The mismatch has to be pretty bad if you can notice it on receive. Do
a google search for "mismatch loss". If you include typical feeder
loss for RG-8 on ten meters, you get losses like this:

SWR 1:1 - 0db loss
SWR 2:1 - 0.6dB loss
SWR 3:1 - 1.25dB loss
SWR 4:1 - 1.8 dB loss
SWR 5:1 - 2.5dB loss

Two "S" units would be 10-12 dB loss. The TS-850 tuner isn't intended
to match things that are that bad, although it will merrily try to do so.

Bear in mind also, that with the very high sensitivity of the TS-850,
you can have a lot of attenuation in the receive path and not be
impaired. For instance, if you add 8dB loss in the feeder, then you
have not only a weaker received signal but also weaker received noise,
and intelligibility is not affected at all.

I thought for a while about doing the tuner mod, but realized that if
my antenna match was so poor that it was affecting received signals,
then I really ought to do something about the antenna.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...>
wrote:
>
> --- In TS-850_450_690@yahoogroups.com, Paul <condor@m...> wrote:
> >
> > Max...
> >
> > Is there a 2 to 3 S unit improvement even when the antenna is 1:1 or
> > there abouts, or only when the SWR
> > is high like 3:1??
> >
> > Paul - K2BK
>
> Well not much difference with the vertical because it is pretty
> resonant, but in the case of my dipole it makes a very noticeable
> difference between in and out.
>
> Max
>

# 3850. Re: [TS-850_450_690] TS-850 NO AUDIO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-05 02:41:28 UTC
From: jduerbusch@charter.net
Topic: 3848  Message: 3850

Check the squelch, I was going to send my TS-850 in until I check it.

Joe K0BX

From: "saker_quraish" <saker_quraish@...>
Date: 2005/11/04 Fri PM 08:36:41 CST
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS-850 NO AUDIO

Hi All,

recently i noticed when i turn my ts-850 on,everything appears fine

except no audio but when i Push the mic P.T.T the audio returns fine

just for few seconds and returns dead (on all band all mode!!)

any help appreciated.

Thanks

Ali

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

Stop the insanity!
Please do not add me to any distribution lists (Joke, Stories or Junk) without my permission.

# 3851. Re: [TS-850_450_690] TS-850 NO AUDIO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-05 02:58:49 UTC
From: ve3wej
Topic: 3848  Message: 3851

check to see if you have turned the squelch knob a little too far

----- Original Message -----
From: "saker_quraish" <saker_quraish@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, November 04, 2005 9:36 PM
Subject: [TS-850_450_690] TS-850 NO AUDIO

> Hi All,
>
> recently i noticed when i turn my ts-850 on,everything appears fine
>
> except no audio but when i Push the mic P.T.T the audio returns fine
>
> just for few seconds and returns dead (on all band all mode!!)
>
> any help appreciated.
>
> Thanks
>
> Ali
>
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
>
>
>
>
>
>
>
> --
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.362 / Virus Database: 267.12.8/161 - Release Date: 03/11/2005
>
>

# 3852. Re: Antenna mismatch

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-05 03:37:05 UTC
From: max_ve3tmt
Topic: 3826  Message: 3852

Dave,

I agree 100% and most of the time I am using a fairly resonant antenna. However being the nitpicker I am I chose to do the mod. For example, my R7 is tuned for the low end of 40m where most of the Canadian phone nets and PSK activity is. If I QSY up around 7.250 you can hear the noise and/or signal levels drop off considerably. With the tuner in the stock position, it will match the antenna fine but the receive side is still down a few s-units. With the tuner mod you can actually hear the signals pick up as it goes to its preset setting. Kind of like using an external tuner that helps both the receive and transmit. I have noticed no ill effects after doing the mod either.

Max

# 3853. Re: [TS-850_450_690] TS-850 NO AUDIO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-05 04:27:37 UTC
From: Bill K0ZL
Topic: 3848  Message: 3853

Ali, inside the radio is a system of switched 8V lines
that turn the receive and transmit circuits turn on
and off. You will need to locate these and measure
them.

The easiest place to find them is on the IF unit,
which is on the right as the rig faces you upside down
(the rig is upside down, not you!).

There will be some very small test pads on the board,
labeled TX8 and RX8, or T8 and R8 or something like
that. Just make sure that they are switching cleanly
between receive and transmit.

Bill K0ZL

--- saker_quraish <saker_quraish@...> wrote:

> Hi All,
>
> recently i noticed when i turn my ts-850
> on,everything appears fine
>
> except no audio but when i Push the mic P.T.T the
> audio returns fine
>
> just for few seconds and returns dead (on all band
> all mode!!)
>
> any help appreciated.
>
> Thanks
>
> Ali
>
>
>
>
>

When in doubt, MODIFY...

# 3855. Re: [TS-850_450_690] Something to watch for.....

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-05 11:04:02 UTC
From: Paul
Topic: 3826  Message: 3855

Hi Max...

I'm curious.

From what you wrote, it sounds like tuner worked at the old QTH With
the mod on the R7, but not at the new QTH. What changed..
Or was it working at the old QTH without the mod, and you moved and did
the mod and it didn't work right?

And does the mod require the cables to be switched, or did you switch
them in the first place when doing the mod, and then have to switch them
back where they were when you found it not working right?

Paul - K2BK

max_ve3tmt wrote:

> After aquiring my current 850, which was quite a long time ago I
> performed the antenna tuner mod as I did on all my previous ones. One
> thing that struck me odd after moving into the new QTH and putting up
> the new antenna is that the tuner would take forever to find a match
> and when it did it would not stop tuning. It would bypass the dip and
> keep going. What I found really wierd is that is could not even tune
> my R7 in the 40m band, even though without the tuner it is resonant
> around 7.070. Last night I brought some good industrial lubricant home
> to do the tuner gears and anything else that needed it. Just on a whim
> I decided to reverse the two coax cables going into and coming from
> the tuner board. Voila! it nw works the way I remember them, finding a
> match usually less than one second and the tuner quits when it finds
> the match. So if you plan on doing the tuner mod, make sure you test
> the tuner before putting the lid back on. I wish I had checked this
> long ago, it would have saved a lot of frustration!
>
> Max
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
> SPONSORED LINKS
> Ham radio antenna
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+antenna&w1=Ham+radio+antenna&w2=Ham+radio

&w3=Ham+radio+sales&w4=Ham+radio+outlet&c=4&s=81&.sig=VkQ40eXv4Kvaglhm2tINYg>
> Ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+
radio+sales&w4=Ham+radio+outlet&c=4&s=81&.sig=u8oeqZCHOSvuakhEnICRcg>
> Ham radio sales
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio+antenna&w2=Ham+radio&w
3=Ham+radio+sales&w4=Ham+radio+outlet&c=4&s=81&.sig=cDsZjxqbr32SVM47ZlduMQ>
>
> Ham radio outlet
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+outlet&w1=Ham+radio+antenna&w2=Ham+radio&
w3=Ham+radio+sales&w4=Ham+radio+outlet&c=4&s=81&.sig=tI7ca7JSnYSLKZeQb9MFkg>
>
>
>
> ---------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ---------------------------------------------------------------------
>

# 3858. Re: Tuner mod now working

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-05 15:10:34 UTC
From: max_ve3tmt
Topic: 3826  Message: 3858

Paul,

The mod was done the rig before I moved here, but the R7 was not up at the old QTH. This is its first home. From what I recall doing the other three, I can't remember which order the cables went backand I don't think it should make much difference. I thought I would just switch them to se if would make any change. I did also notice one of the crimps was kind of flimsy and I recrimped it. This may have been part of the problem also. The one thing I always remembered about the 850's tuner was how fast it was, and this one had me thinking something wasn't right. Glad I investigated as it is working sweet now!

Max

P.S. For those contemplating the mod, you will need a short length of mini-coax to do it about 6" inches. You can buy it from East Coast Transistor or use a cable from the rig that you don't plan on using. This is what I did but now I find myself scouring the net looking for them. The mod takes about 1 hour at a casual pace and the tuner doesn't have to be removed. You do have to remove the board at the rear that the antenna relay is on however.

# 3859. Re: [TS-850_450_690] Re: TS-850 Noise Blanker mod??

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-05 18:31:25 UTC
From: Paul
Topic: 3859  Message: 3859

What purpose are the two diodes (D618 and D619) that have to be removed
- why are they there?

Paul - K2BK

# 3860. Re: TS-850 Noise Blanker mod??

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-05 19:02:57 UTC
From: max_ve3tmt
Topic: 3859  Message: 3860

--- In TS-850_450_690@yahoogroups.com, Paul <condor@m...> wrote:
>
>
> What purpose are the two diodes (D618 and D619) that have to be removed
> - why are they there?
>
> Paul - K2BK
>

Bill K0ZL might be able to explain what they are for, but they are not diodes, they are capacitors C618 and C619.

Max

# 3861. Re: [TS-850_450_690] Re: TS-850 Noise Blanker mod??

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-05 19:06:06 UTC
From: Paul
Topic: 3859  Message: 3861

I noticed that in Bill's write-up they are marked as "D", but in another
write up they are marked as "C".

Paul - K2BK

max_ve3tmt wrote:

> --- In TS-850_450_690@yahoogroups.com, Paul <condor@m...> wrote:
> >
> >
> > What purpose are the two diodes (D618 and D619) that have to be removed
> > - why are they there?
> >
> > Paul - K2BK
> >
>
> Bill K0ZL might be able to explain what they are for, but they are not
> diodes, they are capacitors C618 and C619.
>
> Max
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
> SPONSORED LINKS
> Ham radio antenna
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+antenna&w1=Ham+radio+antenna&w2=Ham+radio
&w3=Ham+radio+sales&w4=Ham+radio+outlet&c=4&s=81&.sig=VkQ40eXv4Kvaglhm2tINYg>
> Ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+
radio+sales&w4=Ham+radio+outlet&c=4&s=81&.sig=u8oeqZCHOSvuakhEnICRcg>
> Ham radio sales
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio+antenna&w2=Ham+radio&w
3=Ham+radio+sales&w4=Ham+radio+outlet&c=4&s=81&.sig=cDsZjxqbr32SVM47ZlduMQ>
>
> Ham radio outlet
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio+outlet&w1=Ham+radio+antenna&w2=Ham+radio&
w3=Ham+radio+sales&w4=Ham+radio+outlet&c=4&s=81&.sig=tI7ca7JSnYSLKZeQb9MFkg>
>
>
>

> ------------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ------------------------------------------------------------------------
>

# 3862. Re: TS-850 Noise Blanker mod??

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-05 19:42:51 UTC
From: max_ve3tmt
Topic: 3859  Message: 3862

--- In TS-850_450_690@yahoogroups.com, Paul <condor@m...> wrote:
>
> I noticed that in Bill's write-up they are marked as "D", but in
another
> write up they are marked as "C".
>
> Paul - K2BK

They are definately caps Paul, and I noticed a huge increase in noise reduction (electrical noise) after doing the mod.

Max

# 3863. FWIW--850S/AT for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-05 21:30:47 UTC
From: w7tea
Topic: 3863  Message: 3863

Just saw a posting on eHam for above rig with CW filter, power supply, new battery, mods for
sale. I have no connection. Just in case anyone knows someone interested.

Gary W7TEA

# 3864. Re: Audio fades in and out on TX Audio Monitor.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-05 20:44:34 UTC
From: Joe Sands
Topic: 3754  Message: 3864

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt"
<max_ve3tmt@y...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Joe Sands" <W7UV@A...>
wrote:
> >
> > I'm having trouble with my 850. I recently acquired a DSP-100,
set it
> > up and all was fine. I hadn't used the rig in a few weeks, went
up on
> > a 75 meter group and noticed that my audio in the monitor faded
in and
> > out. The others in the group said nothing was wrong... and
that I
> > wasn't fading.... I disconnected the DSP 100 and still noticed
the same
> > thing... any ideas?
> >
> > Joe W7UV
> >
>
> Joe,
>
> What do you have the TX filters set at? If you have then in the
wide
> setting the audio will do that. Change both filters to 2.7 on TX
and
> see if it stills does it.
>
> Max
>

Max:

Thanks, that was it.... I forgot that I had it set to separate the
bandwidth on TX and RX.... Guess I can't using the tx monitor when
using mid-fi SSB.

73,

Joe

# 3865. TS-850 AGC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-06 01:21:01 UTC
From: Ken Shutt
Topic: 3865  Message: 3865

I have noticed that the AGC switch on my 850 does not seem to change the AGC speed. Slow, Medium and Fast all seem the same. When switched off, the switch seems to work properly.

Any ideas on what is wrong?

Ken - K5GUU

[Non-text portions of this message have been removed]

# 3866. Re: [TS-850_450_690] Re: TS-850 Noise Blanker mod??

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-06 01:50:11 UTC
From: Bill K0ZL
Topic: 3859  Message: 3866

Which write up is incorrect?

Here is the pic that I supposedly used, where the caps
are marked C618 and C619.

bill

--- Paul <condor@...> wrote:

> I noticed that in Bill's write-up they are marked as
> "D", but in another
> write up they are marked as "C".
>
> Paul - K2BK
>
> max_ve3tmt wrote:
>
> > --- In TS-850_450_690@yahoogroups.com, Paul
> <condor@m...> wrote:
> > >
> > >
> > > What purpose are the two diodes (D618 and D619)
> that have to be removed
> > > - why are they there?
> > >
> > > Paul - K2BK
> > >
> >
> > Bill K0ZL might be able to explain what they are
> for, but they are not
> > diodes, they are capacitors C618 and C619.
> >
> > Max
> >
> >
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@...
> >
> >
> >
> > SPONSORED LINKS
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>

<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+antenna&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+outlet&c=4&s=81&.sig=VkQ40eXv4Kvaglhm2tINYg>
>
> > Ham radio
> >
>
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+outlet&c=4&s=81&.sig=u8oeqZCHOSvuakhEnICRcg>
>
> > Ham radio sales
> >
>
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+outlet&c=4&s=81&.sig=cDsZjxqbr32SVM47ZlduMQ>
>
> >
> > Ham radio outlet
> >
>
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+outlet&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+outlet&c=4&s=81&.sig=tI7ca7JSnYSLKZeQb9MFkg>
>
> >
> >
> >
> >
>
---
> > YAHOO! GROUPS LINKS
> >
> > * Visit your group "TS-850_450_690
> >
> <http://groups.yahoo.com/group/TS-850_450_690>" on
> the web.
> >
> > * To unsubscribe from this group, send an
> email to:
> > TS-850_450_690-unsubscribe@yahoogroups.com
> >
>
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
> >
> > * Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of
> > Service <http://docs.yahoo.com/info/terms/>.
> >
> >
> >
>
---

> >
>

When in doubt, MODIFY...

[Non-text portions of this message have been removed]

# 3867. Re: [TS-850_450_690] Re: TS-850 Noise Blanker mod??

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-06 01:53:31 UTC
From: Bill K0ZL
Topic: 3859  Message: 3867

In the text of the noise blanker mods, Jim KI6MZ
writes:

"I guessed this bypass capacitor was slowing the noise
gate down and it was not blanking the leading edge of
the power line noise (very fast rise time noise)...I
cut the bypass capacitors) out of the circuit (surface
mount capacitors) and now my 850 noise blanker works
as good as the 940 noise blanker...."

Works for me...

Bill K0ZL

--- Paul <condor@...> wrote:

>
> What purpose are the two diodes (D618 and D619) that
> have to be removed
> - why are they there?
>
> Paul - K2BK
>
>
>

When in doubt, MODIFY...

# 3868. Re: [TS-850_450_690] Re: TS-850 Noise Blanker mod??

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-06 01:59:04 UTC
From: Paul
Topic: 3859  Message: 3868

Bill K0ZL wrote:

> Which write up is incorrect?
>
http://www.mods.dk/view.php?ArticleId=2854

The first line of text says:
"Removing D618 and D619 on the noise blanker portion of the RF unit
(small one, just under the power switch, front left of radio) will
increase the effectiveness of the TS-850 noise blankers."

> Here is the pic that I supposedly used, where the caps
> are marked C618 and C619.
>
> bill
>
> --- Paul <condor@...> wrote:
>
> > I noticed that in Bill's write-up they are marked as
> > "D", but in another
> > write up they are marked as "C".
> >
> > Paul - K2BK

# 3869. Re: TS-850 AGC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-06 01:55:13 UTC
From: max_ve3tmt
Topic: 3865  Message: 3869

--- In TS-850_450_690@yahoogroups.com, "Ken Shutt" <kgshutt@c...> wrote:
>
> I have noticed that the AGC switch on my 850 does not seem to change the AGC speed. Slow, Medium and Fast all seem the same. When switched off, the switch seems to work properly.
>
> Any ideas on what is wrong?
>
> Ken - K5GUU

Ken,

First thing I would do is unplug ribbon cable # 2 on the IF board. This cable carrys the 8V switching voltages for the AGC switch. These will get dusty after a while. If still no go you can trace the switching lines from the AGC switch to the AGC timing circuits. Let me know if you need help.

Max

# 3870. Re: [TS-850_450_690] TS-850 AGC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-06 02:20:00 UTC
From: Bill K0ZL
Topic: 3865  Message: 3870

See that you have -6 volts on pin 1 of Z10, the AGC module on the IF unit. See also that pins 5, 12 and 13 change state as you rotate the AGC switch; these are the control pins for the 4066 which select the different time constant caps for the AGC line.

bill

--- Ken Shutt <kgshutt@...> wrote:

> I have noticed that the AGC switch on my 850 does
> not seem to change the AGC speed. Slow, Medium and
> Fast all seem the same. When switched off, the
> switch seems to work properly.
>
> Any ideas on what is wrong?
>
> Ken - K5GUU
>
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3871. Re: [TS-850_450_690] Re: TS-850 AGC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-06 02:20:32 UTC
From: Bill K0ZL
Topic: 3865  Message: 3871

What he (Max) said, too! hi

b

--- max_ve3tmt <max_ve3tmt@...> wrote:

> --- In TS-850_450_690@yahoogroups.com, "Ken Shutt"
> <kgshutt@c...> wrote:
> >
> > I have noticed that the AGC switch on my 850 does
> not seem to change
> the AGC speed. Slow, Medium and Fast all seem the
> same. When
> switched off, the switch seems to work properly.
> >
> > Any ideas on what is wrong?
> >
> > Ken - K5GUU
>
> Ken,
>
> First thing I would do is unplug ribbon cable # 2 on
> the IF board.
> This cable carrys the 8V switching voltages for the
> AGC switch. These
> will get dusty after a while. If still no go you can
> trace the
> switching lines from the AGC switch to the AGC
> timing circuits. Let me
> know if you need help.
>
> Max
>
>
>
>
>

When in doubt, MODIFY...

# 3872. Re: [TS-850_450_690] Re: TS-850 Noise Blanker mod??

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-06 02:22:21 UTC
From: Bill K0ZL
Topic: 3859  Message: 3872

Thanks, sent in a correction.

Bill K0ZL

--- Paul <condor@...> wrote:

>
> Bill K0ZL wrote:
>
> > Which write up is incorrect?
> >
> http://www.mods.dk/view.php?ArticleId=2854
>
> The first line of text says:
> "Removing D618 and D619 on the noise blanker portion
> of the RF unit
> (small one, just under the power switch, front left
> of radio) will
> increase the effectiveness of the TS-850 noise
> blankers."
>
>
> > Here is the pic that I supposedly used, where the
> caps
> > are marked C618 and C619.
> >
> > bill
> >
> > --- Paul <condor@...> wrote:
> >
> > > I noticed that in Bill's write-up they are
> marked as
> > > "D", but in another
> > > write up they are marked as "C".
> > >
> > > Paul - K2BK
>
>
>
>

When in doubt, MODIFY...

# 3873. Re: [TS-850_450_690] Re: TS-850 Noise Blanker mod??

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-06 02:25:35 UTC
From: Paul
Topic: 3859  Message: 3873

No problemo...

I saw the "D" in the text and the "C" in the picture and wasn't sure
which was correct, but I knew which "thing" to remove ;)

Paul - K2BK

# 3874. Re: [TS-850_450_690] Re: Tuner Mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-06 15:18:18 UTC
From: Paul Manuel
Topic: 3826  Message: 3874

--- Dave <emailw8nf@...> wrote:
> The mismatch has to be pretty bad if you can notice it on receive. Do
> a google search for "mismatch loss". If you include typical feeder
> loss for RG-8 on ten meters, you get losses like this:
> SWR 1:1 - 0db loss
> SWR 2:1 - 0.6dB loss
> SWR 3:1 - 1.25dB loss
> SWR 4:1 - 1.8 dB loss
> SWR 5:1 - 2.5dB loss
> Two "S" units would be 10-12 dB loss. The TS-850 tuner isn't intended
> to match things that are that bad, although it will merrily try to do
> so.

If this is a feedline loss table, it will not be applicable to this subject. The feedline loss will still be present as we are only matching the 850 to the antenna system to allow full transfer of power. We do not have a table indicating how much loss there is at the antenna input of an 850 due to deviation from 50 ohms. Depends on how broadband the receive input circuit is, I would think.
73,
Paul K4PDM

_____
Yahoo! Mail - PC Magazine Editors' Choice 2005
http://mail.yahoo.com

# 3875. Re: [TS-850_450_690] Re: Tuner Mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-06 15:38:13 UTC
From: Paul
Topic: 3826  Message: 3875

Good point Paul

The loses of 100 feet of RG058 v. RG-213 or 9913 should have no part of
these figures.
And what is "typical" feeder - RG-58 or RG-213/RG-8U or 9913 ?

About half of my lines are 9913 and the rest are 213 or 8U.

Paul - K2BK

Paul Manuel wrote:

>
>
> --- Dave <emailw8nf@...> wrote:
> > The mismatch has to be pretty bad if you can notice it on receive. Do
> > a google search for "mismatch loss". If you include typical feeder
> > loss for RG-8 on ten meters, you get losses like this:
> > SWR 1:1 - 0db loss
> > SWR 2:1 - 0.6dB loss
> > SWR 3:1 - 1.25dB loss
> > SWR 4:1 - 1.8 dB loss
> > SWR 5:1 - 2.5dB loss
> > Two "S" units would be 10-12 dB loss. The TS-850 tuner isn't intended
> > to match things that are that bad, although it will merrily try to do
> > so.
>
> If this is a feedline loss table, it will not be applicable to this
> subject. The feedline loss will still be present as we are only matching
> the 850 to the antenna system to allow full transfer of power. We do not
> have a table indicating how much loss there is at the antenna input of an
> 850 due to deviation from 50 ohms. Depends on how broadband the receive
> input circuit is, I would think.
> 73,
> Paul K4PDM

# 3876. Re: Tuner Mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-06 18:43:26 UTC
From: Dave
Topic: 3826  Message: 3876

It's a pure mismatch loss table. Has nothing to do with the feedline.

When you have a reflection, a percentage of the power does not get
past the reflection. The amount by which the signal is reduced is
"mismatch loss".

The math looks a bit tedious, but it's not really that bad.

The fundamental measurement unit for matching is "reflection
coefficient", designated by rho. A perfect match has a rho of zero -
zero reflection. A complete reflection is a rho of 1. Modern day
reflectometers and SWR meters are actually measuring rho but have
meter displays and/or cpus to convert to SWR.

Mismatch loss = 10*log (1 - rho^2)

To get rho from SWR:

rho = (SWR-1)/(SWR+1)

The only assumption being made here is that you're not using a tuner
or anything else to compensate for the mismatch.

You can use those equations to demonstrate, for instance, that the
mismatch at one end, caused by using 75 ohm coax on a 50 ohm antenna
(SWR=1.5:1) represents about 0.17dB loss.

Studying the Smith Chart and how it is derived gets you very familiar
with all this math. See, for instance:

http://www.web-ee.com/primers/files/SmithCharts/smith_charts.htm

I used to worry about loss on receive - but that was in the days when
I was using tube type gear that was always marginal on sensitivity.
I've never found a need to worry about RX loss with the over-achieving
front-end of the 850. Kenwood has relieved us of this burden!

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Paul Manuel <k4pdm@y...> wrote:
>
>
>
> --- Dave <emailw8nf@y...> wrote:
> > The mismatch has to be pretty bad if you can notice it on receive. Do
> > a google search for "mismatch loss". If you include typical feeder

> > loss for RG-8 on ten meters, you get losses like this:
> > SWR 1:1 - 0db loss
> > SWR 2:1 - 0.6dB loss
> > SWR 3:1 - 1.25dB loss
> > SWR 4:1 - 1.8 dB loss
> > SWR 5:1 - 2.5dB loss
> > Two "S" units would be 10-12 dB loss. The TS-850 tuner isn't intended
> > to match things that are that bad, although it will merrily try to do
> > so.
>
> If this is a feedline loss table, it will not be applicable to this
> subject. The feedline loss will still be present as we are only matching
> the 850 to the antenna system to allow full transfer of power. We do not
> have a table indicating how much loss there is at the antenna input
of an
> 850 due to deviation from 50 ohms. Depends on how broadband the receive
> input circuit is, I would think.
> 73,
> Paul K4PDM
>
>
>
>
> _____
> Yahoo! Mail - PC Magazine Editors' Choice 2005
> http://mail.yahoo.com
>

# 3877. Re: Tuner Mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-06 20:20:15 UTC
From: grwescom
Topic: 3826  Message: 3877

--- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@y...> wrote:
>
> It's a pure mismatch loss table. Has nothing to do with the feedline.
>
> When you have a reflection, a percentage of the power does not get
> past the reflection. The amount by which the signal is reduced is
> "mismatch loss".
>
> You can use those equations to demonstrate, for instance, that the
> mismatch at one end, caused by using 75 ohm coax on a 50 ohm antenna
> (SWR=1.5:1) represents about 0.17dB loss.
>
>
> Dave W8NF
>

Hi Dave,

I think we are talking apples and oranges here. I see that three separate subjects have been discussed:

1. Antenna tuner improving receive signal level: This obviously has nothing to do with transmission line loss or antenna return loss. Those values are not changed by an antenna tuner. What is effected, however, is the RLC mismatch at the receiver's input. Most modern transcievers tend to lose some sensitivty if they done have a good 50 ohm load on their input. That usually is of no concern because antenna noise drops the same percentage as desired signals and the antenna noise is still above the reciever's noise floor.

2. Antenna return loss: When the antenna impedance does not match the impedance of the feedline, some percentage of the transmitted power is reflected back towards the transmitter. This produces standing waves and impacts the impedance presented to the transmitter. If lossles transmission line is used, there would be no actual RF power lost but the transmitter might not be able to produce full output due to the mismatch at the feed end of the feedline. If a lossless matching network is used to correct the impedance to something the transmitter likes, full output will be radiated by the antenna.

3. Mismatched feedline loss: In the real world, with lossy transmission lines and matching networks, the standing waves produce a secondary loss factor in addition to the basic matched loss. This effect is caused by the voltage and current peaks that occur with standing waves. At the voltage peaks, dielectric losses increase. At the current peaks, resistance losses increase.

The modification to the 850 antenna tuner to keep it in line in recieve obviously causes effect #1 above seen in the original question. However, there is an entirely different reason why this modification was developed. The modification also increases the selectivity ahead of the reciever, especially for strong signals below the operating frequency. Some operators have trouble with strong AM broadcast stations producing harmonics and spurs due to simple front end overload. This is sometimes noticable in the 850 on 80 meters when the AIP is on. The AIP removes the preamp and its RF matching components from the receive path. The third harmonic of nearby AM stations often becomes louder with the AIP off. Keeping the antenna tuner in line on recieve improves out of band signal overload performance.

That all make sense?

Gary
N0GW

# 3878. Re: [TS-850_450_690] Re: Tuner Mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-06 20:28:59 UTC
From: Paul Manuel
Topic: 3826  Message: 3878

--- Dave <emailw8nf@...> wrote:
> It's a pure mismatch loss table. Has nothing to do with the feedline.
> When you have a reflection, a percentage of the power does not get
> past the reflection. The amount by which the signal is reduced is
> "mismatch loss".

OK, what threw me was the mentioning of the cable.
73,
Paul K4PDM

_____
Yahoo! FareChase: Search multiple travel sites in one click.
http://farechase.yahoo.com

# 3879. Re: [TS-850_450_690] TS-850 NO AUDIO

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-07 01:03:36 UTC
From: ali salam
Topic: 3848  Message: 3879

thank you all for your ideas and respones .

Ali

---
Yahoo! FareChase - Search multiple travel sites in one click.

[Non-text portions of this message have been removed]

# 3880. Re: [TS-850_450_690] Re: TS-850 Noise Blanker mod??

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-07 14:35:51 UTC
From: Paul Manuel
Topic: 3859  Message: 3880

```
--- Bill K0ZL <coorsbill@...> wrote:
> In the text of the noise blanker mods, Jim KI6MZ
> writes:
> "I guessed this bypass capacitor was slowing the noise
> gate down and it was not blanking the leading edge of
> the power line noise (very fast rise time noise)...I
> cut the bypass capacitors) out of the circuit (surface
> mount capacitors) and now my 850 noise blanker works
> as good as the 940 noise blanker...."

Bill, K0ZL did the NB mod on mine when he repaired the DC/DC converter,
and it works FB!
73,
Paul K4PDM


_________________________________
Yahoo! FareChase: Search multiple travel sites in one click.
http://farechase.yahoo.com
```

# 3881. YK-455C-1 filter and TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-07 15:53:24 UTC
From: branko_9a3st
Topic: 3881  Message: 3881

Is possible to use YK-455C-1 filter with TS-690?
What is different between YK-455C-1 and YG-455C-1 filter?
Thank you!

# 3882. RE: [TS-850_450_690] YK-455C-1 filter and TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-07 16:06:59 UTC
From: John Geiger (NE0P)
Topic: 3881  Message: 3882

Yes you can use one. I just had one installed in a 690. I think the YK is a mechanical filter, whereas the YG is a crystal filter. 73s John NE0P ---------- Original Message ---------- From: "branko_9a3st" Reply-To: TS-850_450_690@yahoogroups.com Date: Mon, 07 Nov 2005 15:53:24 -0000 > > > > >Is possible to use YK-455C-1 filter with TS-690?
>What is different between YK-455C-1 and YG-455C-1 filter?
>Thank you!
>
>
>
> > > > > >

> >THANKS FOR USING TS-850_450_690@... >

> > > > > > > > > >
>
> > YAHOO! GROUPS LINKS >
>
> >
- Visit your group "TS-850_450_690 (http://groups.yahoo.com/group/TS-850_450_690)" on the web.
>
- To unsubscribe from this group, send an email to: TS-850_450_690-unsubscribe@yahoogroups.com
>
- Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service (http://docs.yahoo.com/info/terms/). > >
>
> >
> > > > > > > > > > _____

# 3883. Re: Tuner Mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-07 18:24:04 UTC
From: Dave
Topic: 3826  Message: 3883

--- In TS-850_450_690@yahoogroups.com, "grwescom" <wescom@l...> wrote:
>
> Hi Dave,
>
> I think we are talking apples and oranges here. I see that three
> separate subjects have been discussed:
>
> 1. Antenna tuner improving receive signal level: This obviously has
> nothing to do with transmission line loss or antenna return loss.
> Those values are not changed by an antenna tuner. What is effected,
> however, is the RLC mismatch at the receiver's input. Most modern
> transcievers tend to lose some sensitivty if they done have a good 50
> ohm load on their input. That usually is of no concern because antenna
> noise drops the same percentage as desired signals and the antenna
> noise is still above the reciever's noise floor.
>

(polite snip of good stuff)

> The modification to the 850 antenna tuner to keep it in line in
> recieve obviously causes effect #1 above seen in the original
> question. However, there is an entirely different reason why this
> modification was developed. The modification also increases the
> selectivity ahead of the reciever, especially for strong signals below
> the operating frequency. Some operators have trouble with strong AM
> broadcast stations producing harmonics and spurs due to simple front
> end overload. This is sometimes noticable in the 850 on 80 meters when
> the AIP is on. The AIP removes the preamp and its RF matching
> components from the receive path. The third harmonic of nearby AM
> stations often becomes louder with the AIP off. Keeping the antenna
> tuner in line on recieve improves out of band signal overload
performance.
>
> That all make sense?
>
> Gary
> N0GW
>

Fascinating. I had not realized that there was a front-end overload
problem on the '850. I had always considered the front end to be the
rig's strong suit. I confess that I've not delved into the actual
circuitry in the front end yet, so I did not realize that the
front-end preamp was narrowband. I thought there were two broadband
amps, one for 21MHz and above, the other below 21MHz (or some other
break frequency). I was also under the impression that Kenwood used

some fairly decent bandpass filters on the front.

In my present situation, my vertical is line of sight to a mountain top with three 50kW AM stations, one 25kW, several 5kW, and a bunch of FM and TV stuff. It's about four miles away. In my case, 80 meters is clean with AIP enabled, but I can hear harmonics of the broadcast transmitters when I disable AIP (turn on the preamp). So, in my case, harmonics are created in the preamp, not in the mixer.

Similarly, on Field Day, when we had two 850s and an IC-706, we found that the 850s were clean with AIP enabled, but with the preamps turned on, we heard IMD products from the other two stations. Not to mention the broadband noise that the IC-706 generated any time it transmitted on any band.

In my previous QTH, I had once an unusual problem where I had an S9+40dB spur on the low end of 80 meters, on one antenna only. I could turn AIP on and off, and switch the attenuators in and out, and the spur simply moved up and down in amplitude when I did so, linearly with attenuation/gain. On any other antenna, the spur was completely absent. The spur did not show up on my crusty IC-735. That situation was noticed once only. I never will feel that I figured out the cause!

73,

Dave W8NF

# 3884. RE: [TS-850_450_690] YK-455C-1 filter and TS-690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-07 16:14:37 UTC
From: tonny pers
Topic: 3881  Message: 3884

Thank you for your quick answer!
Branko, 9A3ST

--- "John Geiger (NE0P)" <ne0p@...> wrote:

>
> Yes you can use one. I just had one installed in a
> 690. I think the YK is a mechanical filter, whereas
> the YG is a crystal filter.
>
> 73s John NE0P

# 3885. Re: [TS-850_450_690] TS-850 PLL unlock problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-07 20:09:11 UTC
From: John Kramer
Topic: 3885  Message: 3885

Hi all

Today, my faithfull TS-850 SAT, that I bought new in 1992, has given me the dreaded PLL unlock problem. Only decimal dots appear in the frequency display.
I know this is a common problem in the TS-440, and I went to DKMODS, to see if there was a repair for the TS-850, but no mention of it. I went into the files section of this group, and couldnt see it also, then went to the Kenwood web site, and looked up their bulletins - only repair info for pll unlock problems to the TS-440.

Yes, if I lived in the USA, I would not hesitate to send it to Bill in Colorado, for his excellent service......but I live in Africa.

Does anyone know what components to check out ?
For the TS-440, apparantly the diodes in the bandpass filter section go bad. I dont know about the '850.

Regardless for this problem, I still think the '850 is the best darn HF radio out there. I prefer to use it, rather than my new FT-1000MK V field, and my TS-2000, and my IC-746. The '850 is one GREAT rig.

73
John ZS5J
Richards Bay, SOUTH AFRICA

[Non-text portions of this message have been removed]

# 3886. Re: [TS-850_450_690] TS-850 PLL unlock problems - fixed !!!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-08 07:10:55 UTC
From: John Kramer
Topic: 3886  Message: 3886

To follow on from my previous post about my TS-850 SAT that had the dreaded
PLL unlock problems, I am happy to report that I have fixed the problem.
This message might be a bit premature, as I haven't given the radio a
thorough testing.
For other interested owners that might incur the same problems, here
is the very simple fix I did.

Lift the access hatch on the top cover of the radio, the board directly below
it (carrier unit) is apparantly the one that gives all the problems, especially
the 4 dds chips. All I did was to remove all the cables from the board, and
reseat them snugly down in position. I switched the radio back on and
all the dots on the display had dissapeared, and the frequency was back
up. I tuned the band, and the received signals were once again clear and crisp -
not all raspy like before (when the pll unlock problem occured, ssb signals
would sound like i was listening to them using AM)

I then had a QSO with a YL, Jane, ZR6JEB on 40 meters, and she reported
that my signal was fine.

Just a quick fix for others that might have this problem with their TS-850

73

John ZS5J
South Africa

----- Original Message -----
From: John Kramer
To: TS-850_450_690@yahoogroups.com
Sent: Monday, November 07, 2005 10:09 PM
Subject: Re: [TS-850_450_690] TS-850 PLL unlock problems

Hi all

Today, my faithfull TS-850 SAT, that I bought new in 1992, has given
me the dreaded PLL unlock problem. Only decimal dots appear in the
frequency display.
I know this is a common problem in the TS-440, and I went to DKMODS,
to see if there was a repair for the TS-850, but no mention of it. I went
into the files section of this group, and couldnt see it also, then went
to the Kenwood web site, and looked up their bulletins - only repair
info for pll unlock problems to the TS-440.

Yes, if I lived in the USA, I would not hesitate to send it to Bill in
Colorado, for his excellent service......but I live in Africa.

Does anyone know what components to check out ?
For the TS-440, apparantly the diodes in the bandpass filter section
go bad. I dont know about the '850.

Regardless for this problem, I still think the '850 is the best darn HF
radio out there. I prefer to use it, rather than my new FT-1000MK V field,
and my TS-2000, and my IC-746. The '850 is one GREAT rig.

73
John ZS5J
Richards Bay, SOUTH AFRICA

[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...

---
YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

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---

[Non-text portions of this message have been removed]

# 3887. Re: TS-850 PLL unlock problems - fixed !!!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-08 13:21:16 UTC
From: max_ve3tmt
Topic: 3886  Message: 3887

--- In TS-850_450_690@yahoogroups.com, "John Kramer" <jkramer@i...> wrote:

> Just a quick fix for others that might have this problem with their
TS-850

John,

Lets hope that's all it was. It sure is a good feeling when it is such
a simple fix. Keep us updated.

Max VE3TMT

# 3888. Re: [TS-850_450_690] TS-850 PLL unlock problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-08 14:18:47 UTC
From: Bill K0ZL
Topic: 3885  Message: 3888

John, do you have the service manual? That would be
your first step, obtaining one of course.

bill

--- John Kramer <jkramer@...> wrote:

> Hi all
>
> Today, my faithfull TS-850 SAT, that I bought new in
> 1992, has given
> me the dreaded PLL unlock problem. Only decimal dots
> appear in the
> frequency display.
> I know this is a common problem in the TS-440, and I
> went to DKMODS,
> to see if there was a repair for the TS-850, but no
> mention of it. I went
> into the files section of this group, and couldnt
> see it also, then went
> to the Kenwood web site, and looked up their
> bulletins - only repair
> info for pll unlock problems to the TS-440.
>
> Yes, if I lived in the USA, I would not hesitate to
> send it to Bill in
> Colorado, for his excellent service......but I live
> in Africa.
>
> Does anyone know what components to check out ?
> For the TS-440, apparantly the diodes in the
> bandpass filter section
> go bad. I dont know about the '850.
>
> Regardless for this problem, I still think the '850
> is the best darn HF
> radio out there. I prefer to use it, rather than my
> new FT-1000MK V field,
> and my TS-2000, and my IC-746. The '850 is one GREAT
> rig.
>
> 73
> John ZS5J
> Richards Bay, SOUTH AFRICA
>
> [Non-text portions of this message have been

> removed]
>
>

When in doubt, MODIFY...

# 3889. Re: [TS-850_450_690] TS-850 PLL unlock problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-08 19:37:30 UTC
From: John Kramer
Topic: 3885  Message: 3889

Bill K0ZL,

Yes, I do have an original hard copy of the service manual.

73

John ZS5J
----- Original Message -----
From: Bill K0ZL
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, November 08, 2005 4:18 PM
Subject: Re: [TS-850_450_690] TS-850 PLL unlock problems

John, do you have the service manual? That would be
your first step, obtaining one of course.

bill

--- John Kramer <jkramer@...> wrote:

> Hi all
>
> Today, my faithfull TS-850 SAT, that I bought new in
> 1992, has given
> me the dreaded PLL unlock problem. Only decimal dots
> appear in the
> frequency display.
> I know this is a common problem in the TS-440, and I
> went to DKMODS,
> to see if there was a repair for the TS-850, but no
> mention of it. I went
> into the files section of this group, and couldnt
> see it also, then went
> to the Kenwood web site, and looked up their
> bulletins - only repair
> info for pll unlock problems to the TS-440.
>
> Yes, if I lived in the USA, I would not hesitate to
> send it to Bill in
> Colorado, for his excellent service......but I live
> in Africa.
>
> Does anyone know what components to check out ?
> For the TS-440, apparantly the diodes in the
> bandpass filter section
> go bad. I dont know about the '850.
>

> Regardless for this problem, I still think the '850
> is the best darn HF
> radio out there. I prefer to use it, rather than my
> new FT-1000MK V field,
> and my TS-2000, and my IC-746. The '850 is one GREAT
> rig.
>
> 73
> John ZS5J
> Richards Bay, SOUTH AFRICA
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

THANKS FOR USING TS-850_450_690@...

---

YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

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---

[Non-text portions of this message have been removed]

# 3890. Best power supply for ts-850sat, which one ? Ps-52 or 33 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-08 20:52:28 UTC
From: Allan
Topic: 3890  Message: 3890

Hi all,

I use a power supply Ps-430 for my ts-850sat but sh'es tired, I'd like to change it.

But which one must I choose ? Ps-52 or Ps-33 ? I think they're any good dimension for ts-850s's line ?
What is the different beetween this 2 models ? Maybe one has more good protection against survoltage ?

I see on ebay a ps-52 but 16 Ampères output ??? It's strange, I have the photo of the sticker on front back of the power-supply if you want to see ?

Many thanks for your help

Regards

Allan TOMIELLO from France

mailto:f14at259@...
Site : http://worlddx.free.fr/

# 3891. if-232c

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-08 21:17:46 UTC
From: Paul Spiteri
Topic: 3891  Message: 3891

Hi everybody,
I have a Kenwood Interface IF-232C and I have a 6 pin cable
for the ACC-1 socket. I notice that the interface is not working with the
MixW2 programm. I don't know with which port I wanna configure it. Any help
is appriciated. Best 73's and good dx
de'
9H1SP
Paul

---
[This E-mail was scanned for spam and viruses by NextGen.net.]

# 3892. Re: if-232c

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-08 22:08:17 UTC
From: max_ve3tmt
Topic: 3891  Message: 3892

Paul,

I fill forward my settings to you when I get home tonight.

Max

# 3893. Re: [TS-850_450_690] Best power supply for ts-850sat, which one ? Ps-52 or 33 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-08 23:31:53 UTC
From: ve3wej
Topic: 3890  Message: 3893

actually the ps52 and the 31 are the matching power supply. It depends on modes you are operating...the 52 is more rugged

----- Original Message -----
From: "Allan" <f14at259@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Tuesday, November 08, 2005 3:52 PM
Subject: [TS-850_450_690] Best power supply for ts-850sat, which one ? Ps-52 or 33 ?

Hi all,

I use a power supply Ps-430 for my ts-850sat but sh'es tired, I'd like to change it.

But which one must I choose ? Ps-52 or Ps-33 ? I think they're any good dimension for ts-850s's line ?
What is the different beetween this 2 models ? Maybe one has more good protection against survoltage ?

I see on ebay a ps-52 but 16 Amp?res output ??? It's strange, I have the photo of the sticker on front back of the power-supply if you want to see ?

Many thanks for your help

Regards

Allan TOMIELLO from France

mailto:f14at259@...
Site : http://worlddx.free.fr/

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

--
No virus found in this incoming message.
Checked by AVG Free Edition.
Version: 7.1.362 / Virus Database: 267.12.8/162 - Release Date: 05/11/2005

# 3894. Re: [TS-850_450_690] Best power supply for ts-850sat, which one ? Ps-52 or 33 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-08 22:15:13 UTC
From: Paul
Topic: 3890  Message: 3894

16 amps is way too light - there are two PS-52, and a PS 30 on eBay that would do very well.

The power supply doesn't have to "look" like the radio - they should go under the desk so they don't wast space - that's why they come with long cords ;)

Paul - K2BK

Allan wrote:

> Hi all,
>
> I use a power supply Ps-430 for my ts-850sat but sh'es tired, I'd like to
> change it.
>
> But which one must I choose ? Ps-52 or Ps-33 ? I think they're any good
> dimension for ts-850s's line ?
> What is the different beetween this 2 models ? Maybe one has more good
> protection against survoltage ?
>
> I see on ebay a ps-52 but 16 Amp?res output ??? It's strange, I have the
> photo of the sticker on front back of the power-supply if you want to
> see ?
>
> Many thanks for your help
>
> Regards
>
> Allan TOMIELLO from France
>
> mailto:f14at259@...
> Site : http://worlddx.free.fr/
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
> ------------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.

>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ---
>

# 3895. Re: if-232c

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-09 00:19:31 UTC
From: max_ve3tmt
Topic: 3891  Message: 3895

Paul,

Here are the settings I use for MixW:

COM PORT 1 (this may vary depending on what port you have available)
BAUD RATE : 4800
DATA BITS : 8
PARITY : NONE
STOP BITS : 1

RTS : PTT

DTR : CW

PTT VIA CAT COMMAND
CW VIA CAT COMMAND

Max

# 3896. Re: [TS-850_450_690] TS-850 PLL unlock problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-09 01:58:04 UTC
From: Bill K0ZL
Topic: 3885  Message: 3896

OK take a look at the VCO adjustment procedure. Try
doing it and see if you can. That will tell us if the
PLL is out, or if it is the DDS unit.

b

--- John Kramer <jkramer@...> wrote:

> Bill K0ZL,
>
> Yes, I do have an original hard copy of the service
> manual.
>
> 73
>
> John ZS5J
> ----- Original Message -----
> From: Bill K0ZL
> To: TS-850_450_690@yahoogroups.com
> Sent: Tuesday, November 08, 2005 4:18 PM
> Subject: Re: [TS-850_450_690] TS-850 PLL unlock
> problems
>
>
> John, do you have the service manual? That would
> be
> your first step, obtaining one of course.
>
> bill
>
> --- John Kramer <jkramer@...> wrote:
>
> > Hi all
> >
> > Today, my faithfull TS-850 SAT, that I bought
> new in
> > 1992, has given
> > me the dreaded PLL unlock problem. Only decimal
> dots
> > appear in the
> > frequency display.
> > I know this is a common problem in the TS-440,
> and I
> > went to DKMODS,
> > to see if there was a repair for the TS-850, but
> no

> > mention of it. I went
> > into the files section of this group, and
> couldnt
> > see it also, then went
> > to the Kenwood web site, and looked up their
> > bulletins - only repair
> > info for pll unlock problems to the TS-440.
> >
> > Yes, if I lived in the USA, I would not hesitate
> to
> > send it to Bill in
> > Colorado, for his excellent service......but I
> live
> > in Africa.
> >
> > Does anyone know what components to check out ?
> > For the TS-440, apparantly the diodes in the
> > bandpass filter section
> > go bad. I dont know about the '850.
> >
> > Regardless for this problem, I still think the
> '850
> > is the best darn HF
> > radio out there. I prefer to use it, rather than
> my
> > new FT-1000MK V field,
> > and my TS-2000, and my IC-746. The '850 is one
> GREAT
> > rig.
> >
> > 73
> > John ZS5J
> > Richards Bay, SOUTH AFRICA
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
>
>
> When in doubt, MODIFY...
>
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...

>
>
>
>
---
> YAHOO! GROUPS LINKS
>
> a.. Visit your group "TS-850_450_690" on the
> web.
>
> b.. To unsubscribe from this group, send an
> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
>
>
>
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>
>
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3897. Re: [TS-850_450_690] TS-850 PLL unlock problems - fixed !!!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-09 02:33:21 UTC
From: Bill K0ZL
Topic: 3886  Message: 3897

Well done, John! Thanks for sharing the fix with us.

bill

--- John Kramer <jkramer@...> wrote:

> To follow on from my previous post about my TS-850
> SAT that had the dreaded
> PLL unlock problems, I am happy to report that I
> have fixed the problem.
> This message might be a bit premature, as I haven't
> given the radio a
> thorough testing.
> For other interested owners that might incur the
> same problems, here
> is the very simple fix I did.
>
> Lift the access hatch on the top cover of the radio,
> the board directly below
> it (carrier unit) is apparantly the one that gives
> all the problems, especially
> the 4 dds chips. All I did was to remove all the
> cables from the board, and
> reseat them snugly down in position. I switched the
> radio back on and
> all the dots on the display had dissapeared, and the
> frequency was back
> up. I tuned the band, and the received signals were
> once again clear and crisp -
> not all raspy like before (when the pll unlock
> problem occured, ssb signals
> would sound like i was listening to them using AM)
>
> I then had a QSO with a YL, Jane, ZR6JEB on 40
> meters, and she reported
> that my signal was fine.
>
> Just a quick fix for others that might have this
> problem with their TS-850
>
> 73
>
> John ZS5J
> South Africa
>
>

> ----- Original Message -----
> From: John Kramer
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, November 07, 2005 10:09 PM
> Subject: Re: [TS-850_450_690] TS-850 PLL unlock
> problems
>
>
> Hi all
>
> Today, my faithfull TS-850 SAT, that I bought new
> in 1992, has given
> me the dreaded PLL unlock problem. Only decimal
> dots appear in the
> frequency display.
> I know this is a common problem in the TS-440, and
> I went to DKMODS,
> to see if there was a repair for the TS-850, but
> no mention of it. I went
> into the files section of this group, and couldnt
> see it also, then went
> to the Kenwood web site, and looked up their
> bulletins - only repair
> info for pll unlock problems to the TS-440.
>
> Yes, if I lived in the USA, I would not hesitate
> to send it to Bill in
> Colorado, for his excellent service......but I
> live in Africa.
>
> Does anyone know what components to check out ?
> For the TS-440, apparantly the diodes in the
> bandpass filter section
> go bad. I dont know about the '850.
>
> Regardless for this problem, I still think the
> '850 is the best darn HF
> radio out there. I prefer to use it, rather than
> my new FT-1000MK V field,
> and my TS-2000, and my IC-746. The '850 is one
> GREAT rig.
>
> 73
> John ZS5J
> Richards Bay, SOUTH AFRICA
>
> [Non-text portions of this message have been
> removed]
>
>

> 
> THANKS FOR USING TS-850_450_690@...
> 
> 
> 
> 
---
> YAHOO! GROUPS LINKS
> 
> a.. Visit your group "TS-850_450_690" on the
> web.
> 
> b.. To unsubscribe from this group, send an
> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> 
> c.. Your use of Yahoo! Groups is subject to the
> Yahoo! Terms of Service.
> 
> 
> 
---
> 
> 
> 
> [Non-text portions of this message have been
> removed]
> 
> 

When in doubt, MODIFY...

# 3898. Re: [TS-850_450_690] Best power supply for ts-850sat, which one ? Ps-52 or 33 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-09 04:42:21 UTC
From: Zack Widup
Topic: 3890  Message: 3898

I have been using my PS-50 which I got with my TS-440S on the TS-850. It doesn't match the radio but does just fine as the power supply.

73, Zack W9SZ

On Tue, 8 Nov 2005, Paul wrote:

> 16 amps is way too light - there are two PS-52, and a PS 30 on eBay that
> would do very well.
>
> The power supply doesn't have to "look" like the radio - they should go
> under the desk so they don't wast space - that's why they come with long
> cords ;)
>
> Paul - K2BK
>

# 3899. Re: Best power supply for ts-850sat, which one ? Ps-52 or 33 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-09 04:47:37 UTC
From: max_ve3tmt
Topic: 3890  Message: 3899

The PS52 is the recommended supply for the 850 but any supply capable of 20 amps or more will do. I owned a PS52 at one point, and now use a homebrew 25 amp supply and it works just as good. Doesn't look as pretty, but as the other respondent said, I have it stuck under the desk out of sight so it doesn't take up valuable real estate on the desk.

Max

# 3900. Re: [TS-850_450_690] Re: if-232c

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-09 07:04:21 UTC
From: Paul Spiteri
Topic: 3891  Message: 3900

Thanks Max for your kindly help and 73's
de'
9H1SP
Paul
----- Original Message -----
From: "max_ve3tmt" <max_ve3tmt@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, November 09, 2005 1:19 AM
Subject: [TS-850_450_690] Re: if-232c

> Paul,
>
> Here are the settings I use for MixW:
>
> COM PORT 1 (this may vary depending on what port you have available)
> BAUD RATE : 4800
> DATA BITS : 8
> PARITY : NONE
> STOP BITS : 1
>
> RTS : PTT
>
> DTR : CW
>
> PTT VIA CAT COMMAND
> CW VIA CAT COMMAND
>
> Max
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
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>
> ---
> [This E-mail was scanned for spam and viruses by NextGen.net.]
>

>

---
[This E-mail was scanned for spam and viruses by NextGen.net.]

# 3901. TS-850 PROBLEM: DISTORTED AUDIO ON RX AND TX

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-09 13:41:27 UTC
From: hamlorenzo
Topic: 3901  Message: 3901

Hi,
i have a serious problem on my TS-850Sat I have a distorted audio on rx but also a bad transmitted modulation, the modulatin is fine by the audio monitor. I tested with all filters buttons and AGC correctly selectionned and with interface disconnected from ACC2. Test with the original microphone.
Is anybody have an idea about my problem?
Tnx in advance for answer.
73
F4ATM Laurent
f4atm(at)wanadoo.fr

# 3902. Re: [TS-850_450_690] TS-850 PROBLEM: DISTORTED AUDIO ON RX AND TX

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-10 00:58:51 UTC
From: Bill K0ZL
Topic: 3901  Message: 3902

DDS system is fouling.

b

--- hamlorenzo <hamlorenzo@...> wrote:

> Hi,
> i have a serious problem on my TS-850Sat I have a
> distorted audio on
> rx but also a bad transmitted modulation, the
> modulatin is fine by the
> audio monitor. I tested with all filters buttons and
> AGC correctly
> selectionned and with interface disconnected from
> ACC2. Test with the
> original microphone.
> Is anybody have an idea about my problem?
> Tnx in advance for answer.
> 73
> F4ATM Laurent
> f4atm(at)wanadoo.fr
>
>
>
>
>

When in doubt, MODIFY...

# 3903. filter difference?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-10 19:31:26 UTC
From: Steve Foster
Topic: 3903  Message: 3903

What is the difference between the filters with a s at the end and the ones with a s-1? yk88s and yk88s-1
Thanks
Steve

# 3904. Re: [TS-850_450_690] filter difference?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-10 19:55:50 UTC
From: Tom LeClerc W1TJL
Topic: 3903  Message: 3904

The -1 means the filter is mounted on the little board for plug in rather
than solder in as the non- -1 filters are. However, the little plug in board
is said to be available to mount the non -1 filters on though I have not
found them.
73, Tom W1TJL

On 11/10/05, Steve Foster <shfoster@...> wrote:
>
> What is the difference between the filters with a s at the end and the
> ones with a s-1? yk88s and yk88s-1
> Thanks
> Steve
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
> SPONSORED LINKS
> Ham radio antenna<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+antenna&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+outlet&w5=Ham+radio+store&c=5&s=102&.sig=eZErPYln1AMxBg6Wlgqsew> Ham
> radio<http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+outlet&w5=Ham+radio+store&c=5&s=102&.sig=CtYkvv5jOOfsM1F_iTqEKA> Ham
> radio sales<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+sales&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+outlet&w5=Ham+radio+store&c=5&s=102&.sig=JIKHBWKYowb6DKepNw3wKQ> Ham
> radio outlet<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+outlet&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+outlet&w5=Ham+radio+store&c=5&s=102&.sig=SB62vLcbi2BVkffcmE3REw> Ham
> radio store<http://groups.yahoo.com/gads?t=ms&k=Ham+radio+store&w1=Ham+radio+antenna&w2=Ham+radio&w3=Ham+radio+sales&w4=Ham+radio+outlet&w5=Ham+radio+store&c=5&s=102&.sig=JUbv0McvUnLWwhkddgcQ6Q>
> ------------------------------
> YAHOO! GROUPS LINKS
>
>
> - Visit your group "TS-850_450_690<http://groups.yahoo.com/group/TS-850_450_690>"
> on the web.
> - To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com<TS-850_450_690-unsubscribe@yahoogroups.com?su

bject=Unsubscribe>
> - Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
>
> ------------------------------
>

--
Tom LeClerc, Amateur Radio Station W1TJL
(past calls WB1CBY, /VE8, /VE1, /VO8)

LeClerc Consulting
eBay ID Fangers
email: w1tjl@...
PC/Network Consulting

[Non-text portions of this message have been removed]

# 3905. Re: [TS-850_450_690] filter difference?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-10 22:32:53 UTC
From: ve3wej
Topic: 3903  Message: 3905

Yeah I wish I could find the board too....

>However, the little plug in board is said to be available to mount the non -1 filters on though I have >not found them.

# 3906. Re: filter difference?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-11 00:46:44 UTC
From: max_ve3tmt
Topic: 3903  Message: 3906

--- In TS-850_450_690@yahoogroups.com, "ve3wej" <ve3wej@c...> wrote:
>
> Yeah I wish I could find the board too....
>
>
> >However, the little plug in board is said to be available to mount the
> non -1 filters on though I have >not found them.

Why not just use perfboard?

# 3907. Re: filter difference?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-11 01:01:42 UTC
From: mathewsember
Topic: 3903  Message: 3907

--- In TS-850_450_690@yahoogroups.com, "Steve Foster" <shfoster@u...>
wrote:
>
> What is the difference between the filters with a s at the end and the
> ones with a s-1? yk88s and yk88s-1
> Thanks
> Steve
>
I think the centre passband is different

# 3908. Re: filter difference?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-11 02:46:26 UTC
From: ba6qd
Topic: 3903  Message: 3908

FYI,
****-1 for TS-450,850,950
***S-* for SSB 2.4 Khz
***SN-* for SSB 1.8 Khz
***C-* for CW 500 Hz
***CN-* for CW 270 Hz

73
BA6QD

# 3909. Re: [TS-850_450_690] if-232c

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-11 22:49:45 UTC
From: pa0mir
Topic: 3891  Message: 3909

Hi Paul,
How are you doing?
Maybe you need to set the stopbits to 2 (8-N-2) which is the regular Kenwood setting.
Let me know if this works out.
73
Nico, PA0MIR
----- Original Message -----
From: Paul Spiteri
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, November 08, 2005 9:17 PM
Subject: [TS-850_450_690] if-232c

Hi everybody,
I have a Kenwood Interface IF-232C and I have a 6 pin cable
for the ACC-1 socket. I notice that the interface is not working with the
MixW2 programm. I don't know with which port I wanna configure it. Any help
is appriciated. Best 73's and good dx
de'
9H1SP
Paul

---
[This E-mail was scanned for spam and viruses by NextGen.net.]

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---
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[Non-text portions of this message have been removed]

# 3910. Re: [TS-850_450_690] Re: Another try for CAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-11 22:59:36 UTC
From: pa0mir
Topic: 3759  Message: 3910

Yes, the problem is in this department.
I checked the signal level coming out of pin 2 (TXD)
Looking with the scope I can see a nice pulse-train coming from the port, in reply to the FA; request.
However, this signal swings from 1.24 V up to 5 V and the 1.24 V is already seen as a high signal so the swings are not passed on by the 7404 invertor and the output of the 7404 is always low.
So now the question is: how to drop that 1.24 V down to a signal that will be seen as low.
(shorting to ground effectively works, bur of course does not pass the signal, hi)
I even tried some other inverter of the 7404 (there are still 4 spares)
So now my question:
is the 7404 out of its specifications or is the port signal too high?

Who can help?

73
Nico
pa0mir@...
----- Original Message -----
From: jim999us
To: TS-850_450_690@yahoogroups.com
Sent: Tuesday, October 25, 2005 3:22 AM
Subject: [TS-850_450_690] Re: Another try for CAT problem

I can't give you exact recommendations where to look for your problem
but can relate my recent experience trying to get my ts-850 to work
with PC Control. But, note the DC Voltage readings below: Would be
interested to hear from you what DC voltages you measure on your
TS-850.

I recently posted to this group question about Rigblaster Pro TTL to
RS-232 interface use.
No replies received.
To answer my own question, I have now learned
from Rigblaster/West Mountain Radio
that their interface built into the "PRO"
will not work with the TS-850. Wrong signal polarity.

Note the DC Voltage readings below:

Having similar problem here with my TS-850.

I've tried the Kenwood IF-232C and other suggested hookups from
sources on the Internet.
I am beginning to think the problem with Remote Control of the rig is
in the ACC-1 port having some kind of problem.
I have never been able to get the Remote port to work.

Using oscilloscope I can't see any signal of any kind coming out of
any pin on the ACC1 Din Connector.
The DC voltages are mostly correct according to the info below. But
no scope signals. I would think there should be some kind of data
coming from the TXD line .....

I have learned from the 850 Service Manual, that one should expect to
find the following DC Voltages on Acc-1 port.

TXD 0.2 (two tenths volt)
RXD 5.0
CTS 5.0
RTS 5.0

On mine, all of the 5 volt readings are correct, but the TXD line is
about .15 ... not much diff, but may indicate a problem, especially
since that's where I would think the data being sent to the computer
comes from.

Would appreciate anything you could tell me about remote operation of
the 850 since I've never seen it work but think the problem is in the
radio rather than the interface or computer here in my case....

What are you using for Interface from PC to the 850 ??

73
Jim

THANKS FOR USING TS-850_450_690@...

---
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---

[Non-text portions of this message have been removed]

# 3911. Re: [TS-850_450_690] if-232c

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-11 23:30:42 UTC
From: ve3wej
Topic: 3891  Message: 3911

> I have a Kenwood Interface IF-232C and I have a 6 pin
cable
> for the ACC-1 socket. I notice that the interface is not working with
the
> MixW2 programm. I don't know with which port I wanna configure it. Any
help
> is appriciated. Best 73's and good dx

does it work with other programs....

# 3912. TS-450 RF Gain delay problem - solved !

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-12 06:11:25 UTC
From: Dennis, Philippines low budget dxer
Topic: 3912  Message: 3912

Nov. 12, 2005

Hi all !

Last August I posted this problem :

Everytime I switched on this radio, the RF Gain control acts like as if it is turned to maximum clockwise position and the S-meter would actually be pig at the maximum "red" (even though the actual RF Gain control know is at the maximum counterclokwise position)reading. After about 10 minutes it would normalized and the S-meter would slowly drop back to its actual level and I can now hear/receive audio.

Bill suggested changing capacitors somewhere in the IF or RF Board. I did so and still the problem persisted.

A month ago, I decided to work on the Carrier Unit by changina ALL 7 electrolytic capacitors with 50 volts type. Somehow the problem went away. To be sure I did not use the radio for a full month. 2 days ago I switched it back on and voila! I now have instant receive audio!

So if some of you are having this problem, change ALL 7 of this electrolytic capacitors (all are 47uf 10v) with 50 volts type for added reliability.

I'm not really sure which of the 7 capacitors is the culprit. Maybe Bill or someone else can point which one.

Regards,

Dennis LS. M. Cruz DV7-BJY
the Philippines

# 3913. Re: TS-450 RF Gain delay problem - solved !

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-12 13:34:01 UTC
From: max_ve3tmt
Topic: 3912  Message: 3913

Glad to hear you solved the problem Dennis. This is one to file in the archives for future reference.

Max

# 3914. Re: [TS-850_450_690] Re: filter difference?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-12 20:51:40 UTC
From: Bill K0ZL
Topic: 3903  Message: 3914

Thanks for taking the time to post this!

73,

Bill K0ZL
Denver

--- ba6qd <f11939@...> wrote:

> FYI,
> ****-1 for TS-450,850,950
> ***S-* for SSB 2.4 Khz
> ***SN-* for SSB 1.8 Khz
> ***C-* for CW 500 Hz
> ***CN-* for CW 270 Hz
>
> 73
> BA6QD
>
>
>
>
>

When in doubt, MODIFY...

# 3915. INRAD vs Kenwood

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-13 18:13:21 UTC
From: John Geiger
Topic: 3915  Message: 3915

Does anyone have experience with comparing the Inrad filters to the Kenwood filters for CW in the 2nd IF (8.83mhz). I see that they do have a 400hz CW filter at a pretty good price. Does it do better than the YK-88C-1? This would be in a TS690

73s John NE0P

[Non-text portions of this message have been removed]

# 3916. Re: INRAD vs Kenwood

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-13 20:44:44 UTC
From: w7tea
Topic: 3915  Message: 3916

John, I've traded out Kenwood CW filters for InRad in a 940 years ago and then my 850. Besides being a bit tighter, they have a better shape factor. I thought they were well worth
the investment.

Gary W7TEA

>
> Does anyone have experience with comparing the Inrad filters to the Kenwood filters for CW in the 2nd IF (8.83mhz). I see that they do have a 400hz CW filter at a pretty good price.
Does it do better than the YK-88C-1? This would be in a TS690
>

# 3917. Re: [TS-850_450_690] Re: TS-450 RF Gain delay problem - solved !

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-14 02:02:36 UTC
From: Robert Crane
Topic: 3912  Message: 3917

Max,
Can you tell me how to get to the archives? I would like to look up some articles, but am not sure how to navigate to the archives.
Bob, W8SX

max_ve3tmt <max_ve3tmt@...> wrote:
Glad to hear you solved the problem Dennis. This is one to file in the
archives for future reference.

Max

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---

---
Yahoo! FareChase - Search multiple travel sites in one click.

[Non-text portions of this message have been removed]

# 3918. Re: TS-450 RF Gain delay problem - solved !

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-14 02:04:10 UTC
From: max_ve3tmt
Topic: 3912  Message: 3918

--- In TS-850_450_690@yahoogroups.com, Robert Crane
<robert_l_crane@y...> wrote:
>
> Max,
> Can you tell me how to get to the archives? I would like to look
up some articles, but am not sure how to navigate to the archives.
> Bob, W8SX

Actually Bob I was referring to the archives in my head!

Max

# 3919. Looking for INRAD filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-14 03:04:33 UTC
From: John Geiger
Topic: 3919  Message: 3919

I am looking for the following INRAD filters for a Kenwood TS690, if anyone has them available. These are also used in the TS450/850/940/950 series, as well as the TS570. I need:

#103 400hz 8.83IF
#104 400hz 455IF
#95 1.8KHZ 8.83 IF

I can pay with MO or paypal if you have one or more available. Might consider the Kenwood filters for the right price.

73s John NE0P

[Non-text portions of this message have been removed]

# 3920. CW delay time need to be re-adjusted on my TS-850Sat, how to?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-14 12:00:00 UTC
From: pa7two
Topic: 3920  Message: 3920

Hi to all Kenwood users,

I have a small issue that I cannot find in the user manual.
The 'delay time' for CW is a bit short (read > my CW is too slow...) so
the TRX goes back to RX too fast.
How can I adjust the delay time for TX in CW mode?

Looking forward to your replies,

Kind regards and 73, de Kees - pa7two

# 3921. Wanted: RM-1 Remote Control unit.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-14 16:01:59 UTC
From: pa7two
Topic: 3921  Message: 3921

Hi to all Kenwood users,

I would like to buy a new or used RM-1 remote unit. Who has one for sale?

Please respond to >> pa7two "at" amsat.org <<.

With kind regards,

Kees - pa7two.

# 3922. Re: CW delay time need to be re-adjusted on my TS-850Sat, how to?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-14 19:08:26 UTC
From: Dave
Topic: 3920  Message: 3922

VOX delay setting is on the back panel. No separate adjustment for CW
and SSB. You have to pick your favorite mode and compromise the other.

Make sure that the "full" button on the front panel is not pressed.
If you press "full", then you it runs as fast as it can.

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@n...> wrote:
>
> Hi to all Kenwood users,
>
> I have a small issue that I cannot find in the user manual.
> The 'delay time' for CW is a bit short (read > my CW is too slow...) so
> the TRX goes back to RX too fast.
> How can I adjust the delay time for TX in CW mode?
>
> Looking forward to your replies,
>
> Kind regards and 73, de Kees - pa7two
>

# 3923. Re: [TS-850_450_690] CW delay time need to be re-adjusted on my TS-850Sat, how to?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-14 21:36:37 UTC
From: ve3wej
Topic: 3920  Message: 3923

If I understand you, change the full/semi settings in the top left corner

Ve3wej/Ve3ie
Dave Garber
----- Original Message -----

> I have a small issue that I cannot find in the user manual.
> The 'delay time' for CW is a bit short (read > my CW is too slow...) so
> the TRX goes back to RX too fast.
> How can I adjust the delay time for TX in CW mode?
>
> Looking forward to your replies,
>
> Kind regards and 73, de Kees - pa7two
>
>
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
>
>
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>
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>
>
>
>
> --
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.362 / Virus Database: 267.13.0/167 - Release Date: 11/11/2005
>
>

# 3924. CW error message

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-15 01:47:13 UTC
From: Bill Maddock
Topic: 3924  Message: 3924

I fired up my 850 tonite and got a cw error message "UL" - I don't know what it means - but my
display kept going blank - after about 3 minutes of checking all the knobs it is working normally? Anyone know what this error message means? It's working fine now - I will have to monitor the situation.

Thanks and 73,

Bill N4ZI

---
Yahoo! FareChase - Search multiple travel sites in one click.

[Non-text portions of this message have been removed]

# 3925. Re: CW error message

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-15 02:43:38 UTC
From: max_ve3tmt
Topic: 3924  Message: 3925

--- In TS-850_450_690@yahoogroups.com, Bill Maddock <n4zi96@y...> wrote:
>
> I fired up my 850 tonite and got a cw error message "UL" - I don't know what it means - but my
> display kept going blank - after about 3 minutes of checking all the knobs it is working normally? Anyone know what this error message means? It's working fine now - I will
> have to monitor the situation.

Sounds like the Phase Locked Loop has unlocked Bill. That's what the "UL" stands for and the dots on the display is a tell tale symptom. You should find some answers here from guys who have been through it.

Max

# 3926. Re: [TS-850_450_690] CW error message

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-15 04:37:32 UTC
From: Zack Widup
Topic: 3924  Message: 3926

It means "Unlock" and is the result of the PLL becoming unlocked.

Go to the group web page and see the recent posting about this and the
fix, which involved unplugging and replugging in some of the connectors on
the board(s).

73, Zack W9SZ

On Mon, 14 Nov 2005, Bill Maddock wrote:

> I fired up my 850 tonite and got a cw error message "UL" - I don't know what it means - but my
> display kept going blank - after about 3 minutes of checking all the knobs it is working normally? Anyone know what this error message means? It's working fine now - I will
> have to monitor the situation.
>
> Thanks and 73,
>
> Bill N4ZI
>

# 3927. TS-850 Power variation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-15 15:27:12 UTC
From: ve2aie
Topic: 3927  Message: 3927

Hello to all,

When the radio is cold, 1 turn on the rig and after a few minute, the tx power start variating up and down.

Tnx, regard's

Mario, VE2AIE

# 3928. Re: TS-850 Power variation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-15 17:12:50 UTC
From: Richard Ferch
Topic: 3927  Message: 3928

This may be the ALC voltage fluctuation problem described at
http://n6tr.jzap.com/850repair.html#ALC_voltage_problem and
http://www.qsl.net/k0bx/ts850flu.htm .

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, "ve2aie" <ve2aie@a...> wrote:
>
> Hello to all,
>
> When the radio is cold, 1 turn on the rig and after a few minute, the
> tx power start variating up and down.
>
> Tnx, regard's
>
> Mario, VE2AIE
>

# 3929. ALC variation TS-450

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-15 17:47:53 UTC
From: pa3gdskenwood
Topic: 3929  Message: 3929

In FM-mode I experience a variation in ALC and poweroutput (TS450s).
Anyone an idea of the solution concerning this problem?
Thanks Math, PA3GDS

# 3930. : TS-850 Power variation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-15 18:15:02 UTC
From: jduerbusch@charter.net
Topic: 3930  Message: 3930

This looks like the beginning of the DC-DC converter problem that we all know and love.

My webpage has a couple ways to fix this problem but I think that it maybe easier to fix the board in place. What needs to be done is:
"I changed resistor R2 and R3 (on the dc-dc pcb) from 22k to 18k and checked again. What I found now was that the dc-dc convertor worked fine from 12.5v down to 9.5v. Back at home I then put the PCB back into the TS850 and now have again a rig that is working fine, ALC and output are stable now." You don't need the chip resistors, just try to get the smallest ones you can.

Bill K0ZL has a nice picture of which resistors to change on this group site. Look under File > Modifications and then DC-DC converter. That would now be my first thing I would try.

K0BX Joe
http://www.qsl.net/k0bx

Stop the insanity!
Please do not add me to any distribution lists (Joke, Stories or Junk) without my permission.

# 3931. Re: : TS-850 Power variation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-15 19:46:06 UTC
From: Richard Ferch
Topic: 3930  Message: 3931

Joe,

Thanks for the hint (my 850 also has this problem from time to time).
A question for you: those surface mount resistors look like fiddly
things to unsolder, especially with my aging eyesight. I note that
the net resistance of 100K and 22K in parallel is 18K. I am wondering
whether it wouldn't work just as well to leave the existing 22K
resistors where they are and just add a 100K 1/8w wire lead resistor
in parallel with each (i.e. cut the wire leads short and tack-solder
them directly to the existing solder joints). Is there any reason why
this wouldn't work?

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, <jduerbusch@c...> wrote:
>
> This looks like the beginning of the DC-DC converter problem that
we all know and love.
>
> My webpage has a couple ways to fix this problem but I think that
it maybe easier to fix the board in place. What needs to be done
is:
> "I changed resistor R2 and R3 (on the dc-dc pcb) from 22k to 18k
and checked again. What I found now was that the dc-dc convertor
worked fine from 12.5v down to 9.5v. Back at home I then put the PCB
back into the TS850 and now have again a rig that is working fine,
ALC and output are stable now." You don't need the chip resistors,
just try to get the smallest ones you can.
>
> Bill K0ZL has a nice picture of which resistors to change on this
group site. Look under File > Modifications and then DC-DC
converter. That would now be my first thing I would try.
>
> K0BX Joe
> http://www.qsl.net/k0bx
>
>
>
>
> Stop the insanity!
> Please do not add me to any distribution lists (Joke, Stories or
Junk) without my permission.
>

# 3932. Re: : TS-850 Power variation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-15 20:59:33 UTC
From: grwescom
Topic: 3930  Message: 3932

> I am wondering
> whether it wouldn't work just as well to leave the existing 22K
> resistors where they are and just add a 100K 1/8w wire lead resistor
> in parallel with each (i.e. cut the wire leads short and tack-solder
> them directly to the existing solder joints). Is there any reason why
> this wouldn't work?
>
> 73,
> Rich VE3IAY
>

That's what I did, only I used 31K instead of 100K. The modification page I saw first specified a value lower than 18K for the new value. I didn't try any other values so don't know if the lower value was necessary or not. Taking on wire lead resistors probably looks unprofessional but it works just fine.

Gary
N0GW

# 3933. Re: TS-850 Power variation

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-15 15:32:45 UTC
From: pa7two
Topic: 3927  Message: 3933

Hi Mario,

Try to tighten the screws holding the final PA board. I had this same issue with my TS-690 some years ago. Also bad SWR reading. It solved my problem. I hope it helps for you.

73, de Kees - pa7two.

--- In TS-850_450_690@yahoogroups.com, "ve2aie" <ve2aie@a...> wrote:
>
> Hello to all,
>
> When the radio is cold, 1 turn on the rig and after a few minute, the
> tx power start variating up and down.
>
> Tnx, regard's
>
> Mario, VE2AIE
>

# 3934. Re: CW delay time need to be re-adjusted on my TS-850Sat, how to?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-15 15:24:40 UTC
From: pa7two
Topic: 3920  Message: 3934

Hi Dave,

THANKS for the info, how stupid of me not to check this...

Anyway, thanks a lot for the information provided!

73, de Kees.

--- In TS-850_450_690@yahoogroups.com, "Dave" <emailw8nf@y...> wrote:
>
> VOX delay setting is on the back panel. No separate adjustment for
CW
> and SSB. You have to pick your favorite mode and compromise the
other.
>
> Make sure that the "full" button on the front panel is not pressed.
> If you press "full", then you it runs as fast as it can.
>
> 73,
>
> Dave W8NF
>
> --- In TS-850_450_690@yahoogroups.com, "pa7two" <pa7two@n...> wrote:
> >
> > Hi to all Kenwood users,
> >
> > I have a small issue that I cannot find in the user manual.
> > The 'delay time' for CW is a bit short (read > my CW is too
slow...) so
> > the TRX goes back to RX too fast.
> > How can I adjust the delay time for TX in CW mode?
> >
> > Looking forward to your replies,
> >
> > Kind regards and 73, de Kees - pa7two
> >
>

# 3935. Re: CW delay time need to be re-adjusted on my TS-850Sat, how to?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-15 15:26:49 UTC
From: pa7two
Topic: 3920  Message: 3935

Hi Dave,

Not it's not the full/semi setting, it is the delay of switching back
to RX when TX-ed in CW.

Regards, Kees.

--- In TS-850_450_690@yahoogroups.com, "ve3wej" <ve3wej@c...> wrote:
>
> If I understand you, change the full/semi settings in the top left
corner
>
>
>
>
> Ve3wej/Ve3ie
> Dave Garber
> ----- Original Message -----
>
>
>
>
> > I have a small issue that I cannot find in the user manual.
> > The 'delay time' for CW is a bit short (read > my CW is too
slow...) so
> > the TRX goes back to RX too fast.
> > How can I adjust the delay time for TX in CW mode?
> >
> > Looking forward to your replies,
> >
> > Kind regards and 73, de Kees - pa7two
> >
> >
> >
> >
> >
> >
> >
> >
> > THANKS FOR USING TS-850_450_690@Y...
> > Yahoo! Groups Links
> >
> >
> >
> >
> >

> >
> >
> >
> > --
> > No virus found in this incoming message.
> > Checked by AVG Free Edition.
> > Version: 7.1.362 / Virus Database: 267.13.0/167 - Release Date:
11/11/2005
> >
> >
>

# 3936. please sign the guestbook

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-16 16:17:54 UTC
From: john
Topic: 3936  Message: 3936

73 john

# 3937. ALC mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-16 20:07:37 UTC
From: sailfree4me@netscape.net
Topic: 3937  Message: 3937

Joe, I think I knew you back in St. Louie in the old days when I was W0OLZ?

Anyway, I haven't done this mod to my 850 yet (ALC fluctuation) as mine isn't so bad as to get me sufficiently motivated. I was thinking that I really don't want to unsolder the 22k resistors if I don't have too. So what value could I put in parallel and get the desired 18k. If my math is right a 100k resistor across each should get close. Now I wonder if that works physically? I'll go find the picture for that.

I may get the case opened up again soon!

73, John - W4BA

> Date: Tue, 15 Nov 2005 12:15:02 -0600
> From: <jduerbusch@...>
>Subject: : TS-850 Power variation
>
>This looks like the beginning of the DC-DC converter problem that we all know and love.
>
>My webpage has a couple ways to fix this problem but I think that it maybe easier to fix the board in place. What needs to be done is:
>"I changed resistor R2 and R3 (on the dc-dc pcb) from 22k to 18k and checked again. What I found now was that the dc-dc convertor worked fine from 12.5v down to 9.5v. Back at home I then put the PCB back into the TS850 and now have again a rig that is working fine, ALC and output are stable now." You don't need the chip resistors, just try to get the smallest ones you can.
>
>Bill K0ZL has a nice picture of which resistors to change on this group site. Look under File > Modifications and then DC-DC converter. That would now be my first thing I would try.
>
>K0BX Joe
>http://www.qsl.net/k0bx
>

---------------------------------------------------------------
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# 3938. Re: ALC mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-16 21:58:33 UTC
From: max_ve3tmt
Topic: 3937  Message: 3938

--- In TS-850_450_690@yahoogroups.com, sailfree4me@n... wrote:
>
> Joe, I think I knew you back in St. Louie in the old days when I was W0OLZ?
>
> Anyway, I haven't done this mod to my 850 yet (ALC fluctuation) as mine isn't so bad as to get me sufficiently motivated. I was thinking that I really don't want to unsolder the 22k resistors if I don't have too. So what value could I put in parallel and get the desired 18k. If my math is right a 100k resistor across each should get close. Now I wonder if that works physically? I'll go find the picture for that.
>
> I may get the case opened up again soon!
>
> 73, John - W4BA

John if you put a 15K in parallel with each it will knock them down to 18.5K Probably as close as you will get.

Max

# 3939. Re: ALC mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-17 00:35:22 UTC
From: Richard Ferch
Topic: 3937  Message: 3939

Max, that can't be right - a 15k resistor in parallel with any other resistor cannot possibly result in a net resistance higher than 15k.

In fact, 15k in parallel with 22k is about 8.9k . 100k in parallel with 22k is very close to 18k (off by less than 0.2%).

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, sailfree4me@n... wrote:
> >
> > Joe, I think I knew you back in St. Louie in the old days when I was
> W0OLZ?
> >
> > Anyway, I haven't done this mod to my 850 yet (ALC fluctuation) as
> mine isn't so bad as to get me sufficiently motivated. I was thinking
> that I really don't want to unsolder the 22k resistors if I don't have
> too. So what value could I put in parallel and get the desired 18k.
> If my math is right a 100k resistor across each should get close. Now
> I wonder if that works physically? I'll go find the picture for that.
> >
> > I may get the case opened up again soon!
> >
> > 73, John - W4BA
>
> John if you put a 15K in parallel with each it will knock them down to
> 18.5K Probably as close as you will get.
>
> Max
>

# 3940. Re: ALC mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-17 01:44:03 UTC
From: max_ve3tmt
Topic: 3937  Message: 3940

--- In TS-850_450_690@yahoogroups.com, "Richard Ferch" <ve3iay@r...>
wrote:
>
> Max, that can't be right - a 15k resistor in parallel with any other
> resistor cannot possibly result in a net resistance higher than 15k.
>
> In fact, 15k in parallel with 22k is about 8.9k . 100k in parallel
> with 22k is very close to 18k (off by less than 0.2%).
>
> 73,
> Rich VE3IAY

Yep sorry....brain fade. Should be around 95K in parallel.

Max

# 3942. Please keep it short

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-17 12:12:59 UTC
From: max_ve3tmt
Topic: 3942  Message: 3942

As mentioned in a previous post, it would be helpful to all reading the messages if you can edit out any irrelevant information before posting. Some of the threads I see are so long, you forget what the original subject was. It makes it easier for all of those reading the posts to keep them short and to the point.

Thanks for your help,

Max VE3TMT

# 3943. Re: [TS-850_450_690] CW error message

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-17 13:41:07 UTC
From: Bill K0ZL
Topic: 3924  Message: 3943

Bill is this one that I worked on for ya? Can't
remember.

Anyway it's going to be the PLL circuit and probably
will come back.

Just re-seat the ribbon connectors on the VCO unit,
under the speaker and the cover that the memory
keyer/voice units attach to on the left side.

Bill K0ZL

--- Bill Maddock <n4zi96@...> wrote:

> I fired up my 850 tonite and got a cw error message
> "UL" - I don't know what it means - but my
> display kept going blank - after about 3 minutes of
> checking all the knobs it is working normally?
> Anyone know what this error message means? It's
> working fine now - I will
> have to monitor the situation.
>
> Thanks and 73,
>
> Bill N4ZI
>
>
> ---------------------------------
> Yahoo! FareChase - Search multiple travel sites in
> one click.
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3944. Re: [TS-850_450_690] Re: ALC mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-17 13:51:53 UTC
From: Bill K0ZL
Topic: 3937  Message: 3944

I have used values here from 10K to 18K successfully,
it is not critical in the dc-dc circuit.

bill

--- Richard Ferch <ve3iay@...> wrote:

> Max, that can't be right - a 15k resistor in
> parallel with any other
> resistor cannot possibly result in a net resistance
> higher than 15k.
>
> In fact, 15k in parallel with 22k is about 8.9k .
> 100k in parallel
> with 22k is very close to 18k (off by less than
> 0.2%).
>
> 73,
> Rich VE3IAY
>
> --- In TS-850_450_690@yahoogroups.com, "max_ve3tmt"
> <max_ve3tmt@y...>
> wrote:
> >
> > --- In TS-850_450_690@yahoogroups.com,
> sailfree4me@n... wrote:
> > >
> > > Joe, I think I knew you back in St. Louie in the
> old days when I
> was
> > W0OLZ?
> > >
> > > Anyway, I haven't done this mod to my 850 yet
> (ALC fluctuation) as
> > mine isn't so bad as to get me sufficiently
> motivated. I was
> thinking
> > that I really don't want to unsolder the 22k
> resistors if I don't
> have
> > too. So what value could I put in parallel and
> get the desired
> 18k.
> > If my math is right a 100k resistor across each
> should get close.
> Now

> > I wonder if that works physically? I'll go find
> the picture for
> that.
> > >
> > > I may get the case opened up again soon!
> > >
> > > 73, John - W4BA
> >
> > John if you put a 15K in parallel with each it
> will knock them down
> to
> > 18.5K Probably as close as you will get.
> >
> > Max
> >
>
>
>
>
>

When in doubt, MODIFY...

# 3945. RE: [TS-850_450_690] Reflector Test...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-17 13:52:52 UTC
From: Bill K0ZL
Topic: 3945  Message: 3945

Works like champ.

Check the group files, see how fast they download,

better yet, get into FTP for the 'BIG STUFF'.

Bill K0ZL

--- Steve Gehring <steveg@...> wrote:

> Bandwidth access testing.
>
>
>
> I hope this works, and I look forward to taking part
> in the reflector. 73.
>
>
>
> Steve Gehring, NL7W
>
> 10225 E. Strand Dr.
>
> Palmer, AK 99645
>
> Mobile: 907-355-2370
>
> E-mail: nl7w@...
>
>
>
> "We sleep safely in our beds because rough men stand
> ready in the night to
> visit violence on those who would harm us."
>
> - George Orwell
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
> [mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of sailfree4me@...
> Sent: Wednesday, November 16, 2005 11:08 AM
> To: TS-850_450_690@yahoogroups.com
> Subject: [TS-850_450_690] ALC mod
>
>

>
> Joe, I think I knew you back in St. Louie in the old
> days when I was W0OLZ?
>
> Anyway, I haven't done this mod to my 850 yet (ALC
> fluctuation) as mine
> isn't so bad as to get me sufficiently motivated. I
> was thinking that I
> really don't want to unsolder the 22k resistors if I
> don't have too. So
> what value could I put in parallel and get the
> desired 18k. If my math is
> right a 100k resistor across each should get close.
> Now I wonder if that
> works physically? I'll go find the picture for
> that.
>
> I may get the case opened up again soon!
>
> 73, John - W4BA
>
> > Date: Tue, 15 Nov 2005 12:15:02 -0600
> > From: <jduerbusch@...>
> >Subject: : TS-850 Power variation
> >
> >This looks like the beginning of the DC-DC
> converter problem that we all
> know and love.
> >
> >My webpage has a couple ways to fix this problem
> but I think that it maybe
> easier to fix the board in place. What needs to be
> done is:
> >"I changed resistor R2 and R3 (on the dc-dc pcb)
> from 22k to 18k and
> checked again. What I found now was that the dc-dc
> convertor worked fine
> from 12.5v down to 9.5v. Back at home I then put the
> PCB back into the TS850
> and now have again a rig that is working fine, ALC
> and output are stable
> now." You don't need the chip resistors, just try
> to get the smallest ones
> you can.
> >
> >Bill K0ZL has a nice picture of which resistors to
> change on this group
> site. Look under File > Modifications and then
> DC-DC converter. That would
> now be my first thing I would try.

> >
> >K0BX Joe
> >http://www.qsl.net/k0bx
> >
>
>

---

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>
>
>
> THANKS FOR USING TS-850_450_690@...
>
>
>
>
> -----
>
> YAHOO! GROUPS LINKS
>
>
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690> " on
> the web.
>
>
> * To unsubscribe from this group, send an
> email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
>
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
>
>
> * Your use of Yahoo! Groups is subject to
> the Yahoo!
> <http://docs.yahoo.com/info/terms/> Terms of
> Service.

>
>
>
> _____
>
>
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 3953. OFF TOPIC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-17 21:47:11 UTC
From: Bill
Topic: 3953  Message: 3953

OK group members, we have departed far and away from our primary purpose here; let's put our hackles back into their proper places and get back on topic, shall we?

thanks,

Bill K0ZL

# 3954. Re: [TS-850_450_690] OFF TOPIC

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-17 23:24:51 UTC
From: Bob Snelgrove
Topic: 3953  Message: 3954

OK, Bill

I have the info I needed. Either way, wish me luck!

bob

KG6TBY
----- Original Message -----
From: Bill
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, November 17, 2005 1:47 PM
Subject: [TS-850_450_690] OFF TOPIC

OK group members, we have departed far and away from our primary
purpose here; let's put our hackles back into their proper places and
get back on topic, shall we?

thanks,

Bill K0ZL

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 3955. TS-850 RX & TX audio problems

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-18 01:47:30 UTC
From: kb1kox
Topic: 3955  Message: 3955

First, Thank you Bill for this group,nice to find good technical info at the touch of a keyboard.
My TS-850, ser # 50300007 has developed the often talked about flaky audio and rf on TX in ssb ,from all the research I've done,its probably a problem with the DDS chips on the CAR board.
I'm fortunate enough to have 2 of these fine rigs,So I'm able to troubleshoot and repair the one with the problems.I'm going to do the ALC mod and the NB mod while on the bench,and while I'm confident in my abilitys, the challenge of soldering SMD parts is a bit much,therefore I'm planning on just buying a new CAR board from Pacific parts, a bit pricey, but an easy swap. Is there a way to make sure the DDS chip(s) are bad before I order this part?And is there anything else I should do to the rig while it is on the bench? Thanks, really appreciate this group! 73 all, Neil, KB1KOX

# 3956. KENTROL v. 5.2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-18 14:05:13 UTC
From: scottpa1960
Topic: 3956  Message: 3956

Hello, I'm new to the group and looking through the past posts, mostly those pertaining to my TS-450SAT. My dad (N3FWI) purchased it new back in the day, but never used it. I had become inactive in ham radio and sold virtually all ham gear in 1996. Dad asked me in 2002 if I could sell the rig on eBAY. I decided to bench check it to make sure it works, and made an antenna for it. Well, lets just say the bug hit me big time as I fell in love with the digital modes. I'd never heard of PSK before, and using the computer sound card was awesome. No need for my old MFJ 1278!

Ok, the reason for this note. I discovered a program called KENTROL v.5.2 on here, and I d/l it. While setting up, my only choices were COM1 thru COM4. I need to configure for COM6. Does anyone know how this can be achieved? I do use Ham Radio Deluxe (HRD) and it controls the rig fine. What attracted me to KENTROL is you can save your memory channels, and reload them if I would have to reset the 450S. Are there any other advantages the KENTROL might have over the HRD program?

Thanks,

Scott
KN3A
(going back to my old WY3X callsign whenever the vanity program starts up again though).

# 3957. Re: [TS-850_450_690] KENTROL v. 5.2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-18 15:42:59 UTC
From: Zack Widup
Topic: 3956  Message: 3957

Hi Scott,

I'm the one who put the Kentrol program there. I've used it with many computers on both my TS-440 and TS-850. I don't know how to add a COM6 to it, though. The most COM ports I've ever had on a computer is 4. Do you really need 6 com ports?

No experience here with Ham Radio Deluxe. Kentrol is pretty versatile, though. There are only a few functions you can't activate with the free version.

73, Zack W9SZ

On Fri, 18 Nov 2005, scottpa1960 wrote:

> Hello, I'm new to the group and looking through the past posts,
> mostly those pertaining to my TS-450SAT. My dad (N3FWI) purchased it
> new back in the day, but never used it. I had become inactive in ham
> radio and sold virtually all ham gear in 1996. Dad asked me in 2002
> if I could sell the rig on eBAY. I decided to bench check it to make
> sure it works, and made an antenna for it. Well, lets just say the
> bug hit me big time as I fell in love with the digital modes. I'd
> never heard of PSK before, and using the computer sound card was
> awesome. No need for my old MFJ 1278!
>
> Ok, the reason for this note. I discovered a program called KENTROL
> v.5.2 on here, and I d/l it. While setting up, my only choices were
> COM1 thru COM4. I need to configure for COM6. Does anyone know how
> this can be achieved? I do use Ham Radio Deluxe (HRD) and it
> controls the rig fine. What attracted me to KENTROL is you can save
> your memory channels, and reload them if I would have to reset the
> 450S. Are there any other advantages the KENTROL might have over the
> HRD program?
>
> Thanks,
>
> Scott
> KN3A
> (going back to my old WY3X callsign whenever the vanity program
> starts up again though).
>

# 3958. Re: [TS-850_450_690] KENTROL v. 5.2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-18 16:15:55 UTC
From: Tom LeClerc W1TJL
Topic: 3956  Message: 3958

Another one that does that is Kenwood SmartMemory. I believe it will use any com port... I believe also it is a free download
73, Tom W1TJL
PS - Welcome back!

# 3959. Re: Re: [TS-850_450_690] KENTROL v. 5.2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-18 17:08:35 UTC
From: Mark Saunders, KJ7BS
Topic: 3956  Message: 3959

More and more computers are coming without the DB-9/DB-25 connectors for COM1/COM2 and the USB ports on many laptops are start at COM5 and COM6.

My laptop has no RS-232 com ports so I use a USB hub that provides both DB-9 and DB-25 RS-232 connectors and their com ports are COM5 and COM6.

I tried KENTROL, too, but supported com ports were not available on my laptop. I use HDR now, not that I like it all that much for rig control, but it is better than nothing.

I ran into similar problems with CT by K1EA. The program does not support Windows XP because it performs direct writes to devices (com ports) and under Windows XP direct device writes it not permitted. There are software tools that fake out the software to keep XP happy, but that is a bit clunky. I've now switched to WriteLog, which supports XP, but still does not support more than COM1-COM4. I have to use my Kenwood IF-232 (I have a USB interface for the Kenwood radios) to get COM4 through a DB-9 RS-232 com port.

Mark Saunders, KJ7BS
Glendale, AZ

# 3960. Re: [TS-850_450_690] KENTROL v. 5.2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-18 17:25:00 UTC
From: scottpa1960
Topic: 3956  Message: 3960

Mark,

This is the same problem that I have. I am using a USB hub, and they start at COM5. If someone has an answer, that would be great. I'd like to see the versatility of the KENTROL.

73--Scott
KN3A

--- In TS-850_450_690@yahoogroups.com, "Mark Saunders, KJ7BS" <kj7bs@c...> wrote:
>
> More and more computers are coming without the DB-9/DB-25 connectors for COM1/COM2 and the USB ports on many laptops are start at COM5 and COM6.
>
> My laptop has no RS-232 com ports so I use a USB hub that provides both DB-9 and DB-25 RS-232 connectors and their com ports are COM5 and COM6.
>
> I tried KENTROL, too, but supported com ports were not available on my laptop. I use HDR now, not that I like it all that much for rig control, but it is better than nothing.
>
> I ran into similar problems with CT by K1EA. The program does not support Windows XP because it performs direct writes to devices (com ports) and under Windows XP direct device writes it not permitted. There are software tools that fake out the software to keep XP happy, but that is a bit clunky. I've now switched to WriteLog, which supports XP, but still does not support more than COM1-COM4. I have to use my Kenwood IF-232 (I have a USB interface for the Kenwood radios) to get COM4 through a DB-9 RS-232 com port.
>
> Mark Saunders, KJ7BS
> Glendale, AZ
>

# 3961. Re: [TS-850_450_690] KENTROL v. 5.2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-18 20:31:57 UTC
From: ve3wej
Topic: 3956  Message: 3961

The manufacturer of my com cards told me how to go into windows registry and change the ports...

remember...kentrol was written with window 3.1 and 95 were around, so no select windows ports, they were user options within the program

# 3962. Re: KENTROL v. 5.2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-19 00:04:28 UTC
From: Richard Ferch
Topic: 3956  Message: 3962

If you are looking for a radio control program that can store memories for the radio, you might take a look at the freeware DXLab suite of programs, specifically Commander (http://www.qsl.net/civ_commander/). This supports COM1-COM16 and has 10 banks of 10 memories. I believe these memories are in software, i.e. I think they are not the same as the radio's built-in memories, but I could be wrong - I haven't tried to use them, as the only memories I have ever used on my TS-850 are the five Quick Memos which are not accessible via software control. I have used Commander to control my TS-850 through a USB adapter, and it works well. There is a very active user group for DXLab here at yahoo (http://groups.yahoo.com/group/dxlab/).

In addition to Commander for radio control, DXLab also has a logging program, a DX cluster program, a propagation program, a QSL address lookup program, a DX mapping program, and a PSK31/RTTY program. These programs all interoperate as a unified suite - you can use as few or as many of them as you choose.

For contesting, which someone else mentioned in this thread, N1MM Logger (http://www.n1mm.com/ - also freeware) supports radio control, PTT switching, direct CW keying, and K1EL's WinKey serial CW keyer on COM1-COM8 (real serial ports or USB-to-RS232 adapters). You can also do PTT and CW keying from any of LPT1-LPT3, as well as antenna switching, and switching between radios for SO2R (single-op two radios). And you can use the computer's sound cards as digital voice keyers, or to generate and decode RTTY (N1MM also supports external TNCs). There is a very active yahoo user group for N1MM Logger(http://groups.yahoo.com/group/N1MMLogger/). Warning - if you are not into contesting and contesting software, you will probably not find this program useful - it has zillions of contesting-only features, but it does not support general non-contest logging, etc. For that you should look at DXLab (e.g. the DXKeeper logging program).

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, "scottpa1960" <scottpa1960@y...> wrote:
>
> Hello, I'm new to the group and looking through the past posts,
> mostly those pertaining to my TS-450SAT. My dad (N3FWI) purchased it
> new back in the day, but never used it. I had become inactive in ham

> radio and sold virtually all ham gear in 1996. Dad asked me in
2002
> if I could sell the rig on eBAY. I decided to bench check it to
make
> sure it works, and made an antenna for it. Well, lets just say the
> bug hit me big time as I fell in love with the digital modes. I'd
> never heard of PSK before, and using the computer sound card was
> awesome. No need for my old MFJ 1278!
>
> Ok, the reason for this note. I discovered a program called
KENTROL
> v.5.2 on here, and I d/l it. While setting up, my only choices
were
> COM1 thru COM4. I need to configure for COM6. Does anyone know how
> this can be achieved? I do use Ham Radio Deluxe (HRD) and it
> controls the rig fine. What attracted me to KENTROL is you can
save
> your memory channels, and reload them if I would have to reset the
> 450S. Are there any other advantages the KENTROL might have over
the
> HRD program?
>
> Thanks,
>
> Scott
> KN3A
> (going back to my old WY3X callsign whenever the vanity program
> starts up again though).
>

# 3963. RE: [TS-850_450_690] KENTROL v. 5.2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-19 02:00:46 UTC
From: Mark Saunders, KJ7BS
Topic: 3956  Message: 3963

Care to share that secret with the rest of us?

Mark Saunders, KJ7BS
Glendale, AZ

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of ve3wej
Sent: Friday, November 18, 2005 1:32 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] KENTROL v. 5.2

The manufacturer of my com cards told me how to go into windows registry
and change the ports...

# 3964. TS-850 auto tuner available...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-19 13:33:01 UTC
From: k2bk_1
Topic: 3964  Message: 3964

Good morning gang.

There is a complete auto tuner for the TS-850S on ebay right now, if you don't have one...

Search...

"Internal Automatic Antenna Tuner for Kenwood TS-850S"

... and it will pop up.

It's $49.99 right now, (but won't stay like that long ;)

It's not mine, and I have nothing to do with it.

Paul - K2BK

# 3965. Re: [TS-850_450_690] KENTROL v. 5.2

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-19 12:31:16 UTC
From: ve3wej
Topic: 3956  Message: 3965

tricky when you are dealing with so many's registry. mine was brand
specific, I think, but basically he had me search in the registry for com5,
and edit to com 3 all occurances. then the same for com 6 and rename to com
4.

This assunes that you have NO com3 or com4

If some one can give me a valid link to kentrol, I could try things here

remember, always backup your registry, and please do NOT blame me if it
stops working after...

Ve3wej/Ve3ie
Dave Garber

----- Original Message -----
From: "Mark Saunders, KJ7BS" <kj7bs@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, November 18, 2005 9:00 PM
Subject: RE: [TS-850_450_690] KENTROL v. 5.2

> Care to share that secret with the rest of us?
>
> Mark Saunders, KJ7BS
> Glendale, AZ
>
> -----Original Message-----
> From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com]
> On Behalf Of ve3wej
> Sent: Friday, November 18, 2005 1:32 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] KENTROL v. 5.2
>
> The manufacturer of my com cards told me how to go into windows registry
> and change the ports...
>
>
>
>
>
>
>
>
>
>
> THANKS FOR USING TS-850_450_690@...

> Yahoo! Groups Links
>
>
>
>
>
>
>
>
>
> --
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.362 / Virus Database: 267.13.4/175 - Release Date: 18/11/2005
>
>

# 3966. TS-450 fluctuating alc /power

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-19 10:35:35 UTC
From: pa3gdskenwood
Topic: 3966  Message: 3966

Hi
Is there allso a mod for fluctuating alc and power readings for the
TS450?
Hope someone can help me.
Thanks in advance
Math, PA3GDS.

# 3967. My TS-850S/AT...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-19 22:39:23 UTC
From: w7tea
Topic: 3967  Message: 3967

may be available soon. Seriously considering getting a Ten Tec rig. The 850S-AT has the tuner of course, dual International Radio CW filters and a narrow sideband filter, SP-31 speaker, MC-50 and MC-85 mikes. Bill, K0ZL, changed battery, performed the NB, sidetone and DC-DC mods and aligned early this year. Very clean except for a missing spot of paint on top of front panel. (I cover with an audio filter). Anyway, looking for some advice about
best way to sell--if I do. Not anxious to go the eBay route. Any radios I've sold before have
been done locally.

Gary - W7TEA

# 3968. Re: [TS-850_450_690] My TS-850S/AT...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-19 22:48:56 UTC
From: n7ioh
Topic: 3967  Message: 3968

Hi Gary, I have had good luck using eHam.net also QTH.com both free
and easy to use.

Al, n7ioh

w7tea wrote:

>may be available soon. Seriously considering getting a Ten Tec rig. The 850S-AT has the
>tuner of course, dual International Radio CW filters and a narrow sideband filter, SP-31
>speaker, MC-50 and MC-85 mikes. Bill, K0ZL, changed battery, performed the NB, sidetone
>and DC-DC mods and aligned early this year. Very clean except for a missing spot of paint
>on top of front panel. (I cover with an audio filter). Anyway, looking for some advice
about
>best way to sell--if I do. Not anxious to go the eBay route. Any radios I've sold before
have
>been done locally.
>
>Gary - W7TEA
>
>
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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>

# 3969. Problem with AT tuner and optional SSB filter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-20 16:54:30 UTC
From: rovntoma
Topic: 3969  Message: 3969

Hi all,
I have a problem with my TS450S.A few weeks ago I buy optional INRAD 2.1khz 8.83 filter.Work perfect.Today I repair a second hand AT450 internal tunner.(PCB line was break).I install it and rig wont work with it.Only when I remove the filter radio works with AT.Whats wrong? Exist any simple solution work with filter and AT tuner together?
Thanks TOM

# 3970. Re: My TS-850S/AT...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-20 23:02:48 UTC
From: w7tea
Topic: 3967  Message: 3970

Tnx, Al. Have not posted at either site so that's helpful. Other radios I've sold have been to
locals who could come and turn the knobs to see if the rig fit their needs--you can see how long I've it's been!!! Don't like buying sight unseen but that is the way of the world it seems.

tnx, Gary - W7TEA

> Hi Gary, I have had good luck using eHam.net also QTH.com both free
> and easy to use.
>
> Al, n7ioh

# 3971. Re: Problem with AT tuner and optional SSB filter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-20 23:26:18 UTC
From: rovntoma
Topic: 3969  Message: 3971

"wont work" it means no signal on RX and TX.(only internal radio noise.)
Manual wrote:
"if an optional filter has been installed,perform work with he lower
half of the case attached,unless it is absolutely necessary to remove
it"
can me somebody explain it?

>
> Hi all,
> I have a problem with my TS450S.A few weeks ago I buy optional INRAD
> 2.1khz 8.83 filter.Work perfect.Today I repair a second hand AT450
> internal tunner.(PCB line was break).I install it and rig wont work
> with it.Only when I remove the filter radio works with AT.Whats wrong?
> Exist any simple solution work with filter and AT tuner together?
> Thanks TOM
>

# 3972. Re: [TS-850_450_690] Re: My TS-850S/AT...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-20 23:37:37 UTC
From: n7ioh
Topic: 3967  Message: 3972

Hi Gary, you might post it here first and give the members of this group first chance to buy it. Just tell us what you got and how much you want and to email you directly.

Al, n7ioh

w7tea wrote:

>Tnx, Al. Have not posted at either site so that's helpful. Other radios I've sold have been to
>locals who could come and turn the knobs to see if the rig fit their needs--you can see how
>long I've it's been!!! Don't like buying sight unseen but that is the way of the world it seems.
>
>tnx, Gary - W7TEA
>
>

# 3973. Re: Problem with AT tuner and optional SSB filter

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-21 12:02:08 UTC
From: rovntoma
Topic: 3969  Message: 3973

Problem solved!After reset and new instalation tuner and then
crystal, radio work 100%.
73 Tom

--- In TS-850_450_690@yahoogroups.com, "rovntoma" <330at112@p...>
wrote:
>
> "wont work" it means no signal on RX and TX.(only internal radio
noise.)
> Manual wrote:
> "if an optional filter has been installed,perform work with he
lower
> half of the case attached,unless it is absolutely necessary to
remove
> it"
> can me somebody explain it?
>
>
>
> >
> > Hi all,
> > I have a problem with my TS450S.A few weeks ago I buy optional
INRAD
> > 2.1khz 8.83 filter.Work perfect.Today I repair a second hand
AT450
> > internal tunner.(PCB line was break).I install it and rig wont
work
> > with it.Only when I remove the filter radio works with AT.Whats
wrong?
> > Exist any simple solution work with filter and AT tuner together?
> > Thanks TOM
> >
>

# 3974. Favourite Software to work with my 450SAT ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-23 02:00:34 UTC
From: ve9xyz
Topic: 3974  Message: 3974

OK so now I'm really having fun with my TS-450SAT now that I built a good interface with it (see what I uploaded to the files section for good details about its construction if interested).

I'm using Ham Radio Deluxe, Amateur Contact Log & Kenwood Smart Memory (one at a time, I'm afraid) but wondering if others have found even better software. I don't know about Kentrol...

I'd like to hear what you use, and what you think of it.

73

Kevin

# 3975. Re: Favourite Software to work with my 450SAT ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-23 03:06:33 UTC
From: scottpa1960
Topic: 3974  Message: 3975

Kevin,

I also have a TS-450SAT. I am using the Rigblaster Nomic for the interface. I use ACLog, Ham Radio Deluxe (along with PSK Deluxe), and fofor all other digital modes, I am using MixW 2.16.

Look for you on the digital modes!

73--Scott
KN3A

--- In TS-850_450_690@yahoogroups.com, "ve9xyz" <myfamilydotcom@h...> wrote:
>
> OK so now I'm really having fun with my TS-450SAT now that I built a
> good interface with it (see what I uploaded to the files section for
> good details about its construction if interested).
>
> I'm using Ham Radio Deluxe, Amateur Contact Log & Kenwood Smart Memory
> (one at a time, I'm afraid) but wondering if others have found even
> better software. I don't know about Kentrol...
>
> I'd like to hear what you use, and what you think of it.
>
> 73
>
> Kevin
>

# 3976. Re: Favourite Software to work with my 450SAT ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-23 03:20:45 UTC
From: max_ve3tmt
Topic: 3974  Message: 3976

--- In TS-850_450_690@yahoogroups.com, "ve9xyz" <myfamilydotcom@h...>
wrote:
>
> OK so now I'm really having fun with my TS-450SAT now that I built a
> good interface with it (see what I uploaded to the files section for
> good details about its construction if interested).
>
> I'm using Ham Radio Deluxe, Amateur Contact Log & Kenwood Smart Memory
> (one at a time, I'm afraid) but wondering if others have found even
> better software. I don't know about Kentrol...
>
> I'd like to hear what you use, and what you think of it.
>
> 73
>
> Kevin

Well Kevin as you know I spend all my spare time looking for control software for the 850. I use Ham Radio Deluxe amd ACLog for DX spotting and looging. I recently came across a program called SD and it is a contesting program with logging abilities and rig control. It features templates for many worldwide contests and I plan on using it in the upcoming Canada Day winter contest. I have prerecorded messages and saved them into the program so for example I can push F1 and it will key my radio and send my CQ call, then switch back to receive. I log the contact then do it again. It will allow up to 8 different messages and will save CW calls too. It is really a very neat program. So if you hear me during the contest you will have to ask yourself "Is it live or is it Memorex!"

Max VE3TMT

# 3977. Re: [TS-850_450_690] Re: Favourite Software to work with my 450SAT ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-23 04:36:52 UTC
From: Tom Osborne
Topic: 3974  Message: 3977

Hi Kevin et al

For a really good contesting program, check out www.n1mm.com for N1MM Logger. This is freeware and has a great rig control capability. For RTTY work, MMTTY is a great freeware program. I use that with N1MM Logger for RTTY contesting. There is also another freeware program, MVARI which works good for RTTY and PSK.

> Well Kevin as you know I spend all my spare time looking for >control
> software for the 850. I use Ham Radio Deluxe amd >ACLog for DX spotting
> and looging. I recently came across a >program called SD and it is a
> contesting program with logging >abilities and rig control.

# 3978. Re: Favourite Software to work with my 450SAT ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-23 12:51:59 UTC
From: scottpa1960
Topic: 3974  Message: 3978

Max,

Can you tell me more about this SD program or point me to a website?

Thanks!

Scott
KN3A
--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt"
<max_ve3tmt@y...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "ve9xyz"
<myfamilydotcom@h...>
> wrote:
> >
> > OK so now I'm really having fun with my TS-450SAT now that I
built a
> > good interface with it (see what I uploaded to the files section
for
> > good details about its construction if interested).
> >
> > I'm using Ham Radio Deluxe, Amateur Contact Log & Kenwood Smart
Memory
> > (one at a time, I'm afraid) but wondering if others have found
even
> > better software. I don't know about Kentrol...
> >
> > I'd like to hear what you use, and what you think of it.
> >
> > 73
> >
> > Kevin
>
> Well Kevin as you know I spend all my spare time looking for
control
> software for the 850. I use Ham Radio Deluxe amd ACLog for DX
spotting
> and looging. I recently came across a program called SD and it is a
> contesting program with logging abilities and rig control. It
features
> templates for many worldwide contests and I plan on using it in the
> upcoming Canada Day winter contest. I have prerecorded messages and
> saved them into the program so for example I can push F1 and it
will
> key my radio and send my CQ call, then switch back to receive. I
log

> the contact then do it again. It will allow up to 8 different
messages
> and will save CW calls too. It is really a very neat program. So if
> you hear me during the contest you will have to ask yourself "Is it
> live or is it Memorex!"
>
> Max VE3TMT
>

# 3979. Re: Favourite Software to work with my 450SAT ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-23 13:24:27 UTC
From: max_ve3tmt
Topic: 3974  Message: 3979

--- In TS-850_450_690@yahoogroups.com, "scottpa1960"
<scottpa1960@y...> wrote:
>
> Max,
>
> Can you tell me more about this SD program or point me to a website?
>
> Thanks!
>
> Scott
> KN3A

Scott,

Here's the link:

http://www.ei5di.com/

Max

# 3980. tuner mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-23 14:51:13 UTC
From: jo benoit
Topic: 3980  Message: 3980

max,
I have done the tuner mod this morning. I see abt one
S point stronger signal.
While I was doing the mod, I took some pictures. I
will send them to you.
thanks
joe on5ao

jo benoit
a. rodenbachlaan 18
B-8530 Harelbeke
BELGIUM
e-mail on5ao@...

_____
Yahoo! FareChase: Search multiple travel sites in one click.
http://farechase.yahoo.com

# 3981. Re: tuner mod

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-23 15:08:38 UTC
From: max_ve3tmt
Topic: 3980  Message: 3981

--- In TS-850_450_690@yahoogroups.com, jo benoit <on5ao@y...> wrote:
>
> max,
> I have done the tuner mod this morning. I see abt one
> S point stronger signal.
> While I was doing the mod, I took some pictures. I
> will send them to you.
> thanks
> joe on5ao

Thanks Joe,

The camera I had at the time was cheap! Wish I had taken better pictures myself. I'd love to see your, we can post them in the files section.

Max

# 3982. New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-23 16:48:46 UTC
From: TS-850_450_690@yahoogroups.com
Topic: 421  Message: 3982

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /MODIFICATIONS/TUNER_MOD_PHOTOS/Tuner.zip
Uploaded by : max_ve3tmt <max_ve3tmt@...>
Description : How to correctly mod the 850's tuner for receive.

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/MODIFICATIONS/TUNER_MOD_PHOTOS/Tuner.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

max_ve3tmt <max_ve3tmt@...>

# 3983. RE: [TS-850_450_690] New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-23 23:34:36 UTC
From: Allan
Topic: 421  Message: 3983

Hi all,

Many thanks for this mod but I can download the file, open it with "winrar",
see the 9 jpg files titles and I got an error when I open them ??
Is someone have this problem ?

Many thanks,

73's

Allan

-----

De : TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@...m]
Envoyé : mercredi 23 novembre 2005 17:49
À : TS-850_450_690@yahoogroups.com
Objet : [TS-850_450_690] New file uploaded to TS-850_450_690

Hello,

This email message is a notification to let you know that
a file has been uploaded to the Files area of the TS-850_450_690
group.

File : /MODIFICATIONS/TUNER_MOD_PHOTOS/Tuner.zip
Uploaded by : max_ve3tmt <max_ve3tmt@...>
Description : How to correctly mod the 850's tuner for receive.

You can access this file at the URL:
http://groups.yahoo.com/group/TS-850_450_690/files/MODIFICATIONS/TUNER_MOD_P
HOTOS/Tuner.zip

To learn more about file sharing for your group, please visit:
http://help.yahoo.com/help/us/groups/files

Regards,

max_ve3tmt <max_ve3tmt@...>

THANKS FOR USING TS-850_450_690@...

-----

YAHOO! GROUPS LINKS

* Visit your group "TS-850_450_690
<http://groups.yahoo.com/group/TS-850_450_690> " on the web.

* To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com
<mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>

* Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service
<http://docs.yahoo.com/info/terms/> .

---

[Non-text portions of this message have been removed]

# 3984. Re: New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-24 01:08:24 UTC
From: max_ve3tmt
Topic: 421  Message: 3984

--- In TS-850_450_690@yahoogroups.com, "Allan" <f14at259@y...> wrote:
>
> Hi all,
>
> Many thanks for this mod but I can download the file, open it with
"winrar",
> see the 9 jpg files titles and I got an error when I open them ??
> Is someone have this problem ?
>
> Many thanks,
>
> 73's
>
> Allan

Allan,

I just downloaded the file, unzipped it using Winzip, then viewed all
files. I think the problem is on your end.

Max

# 3985. Re: New file uploaded to TS-850_450_690

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-24 13:47:47 UTC
From: Richard Ferch
Topic: 421  Message: 3985

I just downloaded the zip file and tried to open it with Windows XP (which has built-in support for zip files; works great with all other zip files I have tried). XP would not unzip the file - it gives me a "Compressed (Zipped) Folders Error: File skipped unknown compression method" error message. Sounds like you used a non-standard compression method that is not supported by Windows XP or winrar.

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt" <max_ve3tmt@y...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, "Allan" <f14at259@y...> wrote:
> >
> > Hi all,
> >
> > Many thanks for this mod but I can download the file, open it with
> "winrar",
> > see the 9 jpg files titles and I got an error when I open them ??
> > Is someone have this problem ?
> >
> > Many thanks,
> >
> > 73's
> >
> > Allan
>
> Allan,
>
> I just downloaded the file, unzipped it using Winzip, then viewed all
> files. I think the problem is on your end.
>
> Max
>

# 3986. 850 problem, transmit 50 watts of carrier or more without microphone in USB mode

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-24 15:06:55 UTC
From: javijust
Topic: 3986  Message: 3986

Hi

Could you help me?.

I've a TS850 it works fine but I think there are a problem in
adjustment.
In TX without a microphone or with microphone connected, putting
in USB in all bands (no in LSB) with a 50% of mic gain or more and
a low processor speech gain (10% or less), it transmit a carrier of
50 watts or more, in a receiver the signal is clear !!,
desactivating the processor returns to 0 watts.
The normal operation that works well with a MC60 or hand mirophone
is mic gain in position 2 to 3 and processor in 6 to 8, then the
output is 100 watts speaking and about 10 watts with the noise of
the room , getting more mic gain i can see that there is a carrier
of 25 then 50 and more watts, ALC meter is always low and COMP meter
less than 10 db. If ALC meter is at 75% speaking when I don't speak
I can see a the carrier in the power meter

I think that without microphone connected and processor activated
for any mic gain when TX it would not send any carrier.

Xavier
EA3EYD

# 3987. Re: Tuner mod file

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-24 15:21:55 UTC
From: max_ve3tmt
Topic: 421  Message: 3987

Please try again guys, I've uploaded a new file. I may have selected some odd file compression the first time to save space. Let me know if it works.

Max

# 3988. Re: [TS-850_450_690] 850 problem, transmit 50 watts of carrier or more without microphone in USB mode

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-24 18:19:53 UTC
From: Bill K0ZL
Topic: 3986  Message: 3988

Try master reset, A=B then power up.

Then, see if you can re-seat the ribbon cable
connectors to the CAR unit, under the speaker area,
underneath the filter select board.

bill

--- javijust <vxjf@...> wrote:

> Hi
>
> Could you help me?.
>
> I've a TS850 it works fine but I think there are a
> problem in
> adjustment.
> In TX without a microphone or with microphone
> connected, putting
> in USB in all bands (no in LSB) with a 50% of mic
> gain or more and
> a low processor speech gain (10% or less), it
> transmit a carrier of
> 50 watts or more, in a receiver the signal is clear
> !!,
> desactivating the processor returns to 0 watts.
> The normal operation that works well with a MC60 or
> hand mirophone
> is mic gain in position 2 to 3 and processor in 6 to
> 8, then the
> output is 100 watts speaking and about 10 watts with
> the noise of
> the room , getting more mic gain i can see that
> there is a carrier
> of 25 then 50 and more watts, ALC meter is always
> low and COMP meter
> less than 10 db. If ALC meter is at 75% speaking
> when I don't speak
> I can see a the carrier in the power meter
>
> I think that without microphone connected and
> processor activated
> for any mic gain when TX it would not send any
> carrier.
>

> Xavier
> EA3EYD
>
>
>
>
>

When in doubt, MODIFY...

# 3989. Re: My TS-850S/AT...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-24 18:58:58 UTC
From: w7tea
Topic: 3967  Message: 3989

Decided not to buy the other rig, so the TS 850s still will sit in its place of honor for the time
being.! It's such a good rig, I hate the thought of selling it anyway. Could never get enough
on the used market to match its real value I'm afraid.

tnx, Gary

--- In TS-850_450_690@yahoogroups.com, n7ioh <n7ioh@c...> wrote:
>
> Hi Gary, you might post it here first and give the members of this
> group first chance to buy it. Just tell us what you got and how much
> you want and to email you directly.
>
> >
>

# 3990. Re: My TS-850S/AT...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-24 20:48:15 UTC
From: max_ve3tmt
Topic: 3967  Message: 3990

--- In TS-850_450_690@yahoogroups.com, "w7tea" <gtuck@m...> wrote:
>
> Decided not to buy the other rig, so the TS 850s still will sit in its place of honor for the time
> being.! It's such a good rig, I hate the thought of selling it anyway. Could never get enough
> on the used market to match its real value I'm afraid.
>
> tnx, Gary

Very wise decison Gary, and I speak from experience. I have owned and sold three 850's and regretted selling each one (after the fact!). You would think I would have learned the first time. Anyway I now have my fourth and it will not be going anywhere soon. I found exactly what you said, you will not find anything on the used market to match the performance of the 850, other than another 850!

Max

# 3991. TenTec linear amp

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-28 01:32:44 UTC
From: w7tea
Topic: 3991  Message: 3991

Has anyone used their 850 with a TenTec QSK capable linear amp on CW? I have a Centaur--a 500 watt 3x811A amp from late 90's. Following the rather meager directions in the amp manual, I connected an external keyer to the amp and then the amp to the key jack in the back of the 850. The linear amp switch and internal keyer switches were both off. It seemed to work perfectly--QSK like I was using a TT transceiver with its Key en and Key out jacks to
effect QSK timing.

I'm concerned about playing around too much in case I burn a relay or some such thing. Anyone have experience with any of the TT amps--Centurian, Titan, Centaur, etc??

tnx, Gary W7TEA

# 3992. Source for kenwood boards?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-28 13:14:02 UTC
From: Bill Maddock
Topic: 3992  Message: 3992

Looks like my CAR board has gone south, where is the best place
to pick up a new one?

Thanks,

Bill N4ZI

---
Yahoo! Music Unlimited - Access over 1 million songs. Try it free.

[Non-text portions of this message have been removed]

# 3993. Re: Source for kenwood boards?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-28 14:27:11 UTC
From: max_ve3tmt
Topic: 3992  Message: 3993

--- In TS-850_450_690@yahoogroups.com, Bill Maddock <n4zi96@y...> wrote:
>
> Looks like my CAR board has gone south, where is the best place
> to pick up a new one?
>
> Thanks,
>
> Bill N4ZI

Bill,

Try East Coast Transistor 1-800-645-3516

Part # X50-3140-00 CAR UNIT TS-850S $208.61

Max

# 3994. Re: TenTec linear amp

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-28 15:52:09 UTC
From: w7tea
Topic: 3991  Message: 3994

Answering my own question and for any others who wish to know--talked to Paul Clinton the TT service manager this morning. The amp does work QSK with non TT rigs including the 850s. I'm continuing to be amazed by that little company in eastern Tennessee.

Gary W7TEA

--- In TS-850_450_690@yahoogroups.com, "w7tea" <gtuck@m...> wrote:
>
> Has anyone used their 850 with a TenTec QSK capable linear amp on CW? I have a Centaur--

>

# 3995. Re: Source for kenwood boards?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-28 19:36:59 UTC
From: Dave
Topic: 3992  Message: 3995

What is the symptom? Leaking tantalum capacitor? Or no RF carries.
There are four outputs, all should be visible on a 100MHz oscilloscope
with several volts each.

If it's the DDS chips, N6TR had keps an inventory of spares for a
while, you might check with him.

GL es 73

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Bill Maddock <n4zi96@y...> wrote:
>
> Looks like my CAR board has gone south, where is the best place
> to pick up a new one?
>
> Thanks,
>
> Bill N4ZI
>
>
> ---------------------------------
> Yahoo! Music Unlimited - Access over 1 million songs. Try it free.
>
> [Non-text portions of this message have been removed]
>

# 3996. TS-850SAT RX - what a performer!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-28 19:42:43 UTC
From: Dave
Topic: 3996  Message: 3996

This weekend was my favorite contest - the CQ Worldwide CW DX contest. It's quite a test for the operator and the gear. The TS-850 did well. I never experienced a single incident of front-end overload, although there was more than one time that the ALC could not cope with the sheer magnitude of some of the signals. The first time I noticed the ALC overshoot was when my neighbor a mile away called a station I had just worked - a kW pointed directly at me.

First time I treid this contest was with an Icom IC-735. That rig's front end overloaded so badly that more than half the signals I heard weren't real.

On the '850, I used the outboard SCAF-1 filter to overcome the IF filter blow-by.

I remain convinced that the '850 is a great contest radio.

73,

Dave W8NF

# 3997. Re: 850 problem, transmit 50 watts of carrier or more without microphone in USB mode

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-28 21:47:39 UTC
From: javijust
Topic: 3986  Message: 3997

Hi Bill
Thanks very much for answer, I tried a master reset and a re-seat ribbon cable but also fails, then I've found a 'CAR supression' adjust with VR8-VR9 in IF-UNIT. Without microphone and in TX USB it send 50 watts output ( gain mic 60% and processor speech 10%)I have moved VR9 a little to right, I have seen that power goes down and after a little more goes up. I turn VR9 to the minimun CAR output and then the same with VR8. I closed the transceiver and try with real operation and works fine, now with the same conditions the power output is zero.

Xavier
EA3EYD

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
>
> Try master reset, A=B then power up.
>
> Then, see if you can re-seat the ribbon cable
> connectors to the CAR unit, under the speaker area,
> underneath the filter select board.
>
> bill
>
> --- javijust <vxjf@t...> wrote:
>
> > Hi
> >
> > Could you help me?.
> >
> > I've a TS850 it works fine but I think there are a
> > problem in
> > adjustment.
> > In TX without a microphone or with microphone
> > connected, putting
> > in USB in all bands (no in LSB) with a 50% of mic
> > gain or more and
> > a low processor speech gain (10% or less), it
> > transmit a carrier of
> > 50 watts or more, in a receiver the signal is clear
> > !!,
> > desactivating the processor returns to 0 watts.
> > The normal operation that works well with a MC60 or

> > hand mirophone
> > is mic gain in position 2 to 3 and processor in 6 to
> > 8, then the
> > output is 100 watts speaking and about 10 watts with
> > the noise of
> > the room , getting more mic gain i can see that
> > there is a carrier
> > of 25 then 50 and more watts, ALC meter is always
> > low and COMP meter
> > less than 10 db. If ALC meter is at 75% speaking
> > when I don't speak
> > I can see a the carrier in the power meter
> >
> > I think that without microphone connected and
> > processor activated
> > for any mic gain when TX it would not send any
> > carrier.
> >
> > Xavier
> > EA3EYD
> >
> >
> >
> >
> >
>
>
>
> When in doubt, MODIFY...
>

# 3998. RE: TenTec linear amp

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-29 03:50:19 UTC
From: Randy Brothers
Topic: 3991  Message: 3998

I offer the following re the 425 - it's on mods.dk and some other web sites.

Randy K9OR

---
TS-850 and Ten-Tec Titan 425 PA

If you're using the Kenwood TS-850S with the Ten-Tec Titan 425 linear PA
read this!

This explains how to modify the TS-850S' full QSK feature and avoiding "hot
switching" the relay in the amplifier when operating full QSK.

As you probably know the correct way to prevent "hot switching" is to feed a
signal to the Titan's "key-in" connector when you transmit. When the
linear's vacuum-relay is settled the Titan's "key-out" connector return that
information to the transceiver which then feed its output RF to the linear.

What's important here is that the transceiver DOES NOT feed any RF BEFORE
the vacuum-relay in the linear is settled!
(If you do, you have the problem called "hot switching")

This is how to overcome the "hot switching" problem:

Open the TS-850 and do the following:

Remove the original TRX-relay (K3 at the RF unit).
Remove the IF unit.
Locate the BK-SW unit (X59-3880-00).

Cut between Q2's collector and pin 10 on the BK-SW unit.
Feed Q2's collector to the "key-in" on the Titan linear.
Feed pin 10 (where you cut) on the BK-SW unit to the "key-out" on the Titan
linear.
Reinstall the IF-unit.
That's all!
I connected the collector of Q2 to pin #4 on the REMOTE connector and pin
#10 on the BK-SW unit to pin #2 on the REMOTE connector at the rear of the
transceiver where you originally connect the keying of an amplifier.
That's why you should remove the TRX-relay (K3) as described in point no. 1.

Pin 4 on the remote connector should now be connected to the "key-in" on the
Titan amplifier

Pin 2 on the remote connector should now be connected to the "key-out" on
the Titan linear.

ONLY use shielded cables!!!

This modification works fine on my TS-850. I am able to operate full QSK at the maximum speed on the built-in keyer unit without risking any damage to the vacuum-relay in the Titan at full output power (1600W).

-----Original Message-----

Date: Mon, 28 Nov 2005 01:32:44 -0000
From: "w7tea" <gtuck@...>
Subject: TenTec linear amp

Has anyone used their 850 with a TenTec QSK capable linear amp on CW?.....
Anyone have experience with any of the TT amps--Centurian, Titan, Centaur, etc??

# 3999. TS- 850 sat Filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-29 12:39:42 UTC
From: waynesmithvo1ta
Topic: 3999  Message: 3999

I just picked up the 850 after using a 450 for a number of years. The rig came with the kenwood 500Hz filter on the 455 side. I have the 500Hz filter for the 8.83 side is there any benefit of having the 500Hz filters on both sides?.
The covers had never been off. so I had a look at the battery, It shows no sign of corrosion, shows 3 vdc. Should I change it anyway? Is there anything else that I should look for?

Thanks Wayne (VO1TA)

# 4000. Re: [TS-850_450_690] TS- 850 sat Filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-29 13:19:17 UTC
From: Bill Maddock
Topic: 3999  Message: 4000

Wayne,

The extra filter will definitely help on cw - I run 2 on both my 850s - sounds like you found a good deal - the 455 IF filter is the the better filter, but you will gain some by ading the 8.83! I would change the battery - better to be safe - I have had both mine replaced!

73,

Bill N4ZI

waynesmithvo1ta <waynesmithvo1ta@...> wrote:
I just picked up the 850 after using a 450 for a number of years. The rig came with the kenwood 500Hz filter on the 455 side. I have the 500Hz filter for the 8.83 side is there any benefit of having the 500Hz filters on both sides?.
The covers had never been off. so I had a look at the battery, It shows no sign of corrosion, shows 3 vdc. Should I change it anyway?
Is there anything else that I should look for?

Thanks Wayne (VO1TA)

THANKS FOR USING TS-850_450_690@...

---
YAHOO! GROUPS LINKS

Visit your group "TS-850_450_690" on the web.

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

---
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[Non-text portions of this message have been removed]

# 4001. Re: TS- 850 sat Filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-29 15:49:26 UTC
From: w7tea
Topic: 3999  Message: 4001

I would get 500hz filters for both IF's. You then can narrow the passband from either side or
both sides to achieve very narrow filtering action.

Gary W7TEA

--- In TS-850_450_690@yahoogroups.com, "waynesmithvo1ta" <waynesmithvo1ta@y...>
wrote:
>
> I just picked up the 850 after using a 450 for a number of years. The
> rig came with the kenwood 500Hz filter on the 455 side. I have the
> 500Hz filter for the 8.83 side is there any benefit of having the
> 500Hz filters on both sides?.

# 4002. Cascaded SSB filters?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-29 18:50:39 UTC
From: Dave
Topic: 4002  Message: 4002

The 850's receiver performed well during the CW 'test. I'd like to make the filtering more convenient and workable. Presently, my '850 has completely stock SSB filters - whatever it came with.

I have cascaded 400Hz Inrad filters for CW, and they're wonderful. None of the blow-by that existed when I had Kenwood 500Hz filters installed.

But during a contest, stations are somewhat slack (sometimes inentionally) about zero beating, and what I really want to be able to do is to vary the IF bandwidth from a low of, say, 400-500Hz up to about 1.5-2kHz. Of course, that's the purpose of the slope tuning controls.

However, when I try this using the two SSB filters cascaded, it's less than satisfactory. I have to crank things down mightily to get any benefit at all and then, the skirts are very gentle.

So, I think I need to get a pair of Inrad SSB filters for this purpose. As a CW op, I'm inclined to go with pretty narrow filters, but I don't want to compromise SSB too badly, as there's another ham in the household who is more focused on traffic handling and emergency comms, which is a 75 meter SSB activity in these parts.

Inrad offers SSB filters for both IFs at 6dB bandwidths of 1.8, 2.1 and 2.8kHz. Has anybody tried more than one BW, and can indicate at what BW the SSB intelligibility starts to suffer? My suspicion is that 1.8kHz would sound restricted no matter what. 2.8kHz is certainly wider than any SSB filter I've had in previous radios. What about 2.1kHz? Anybody using a cascaded set? If so, how is it for phone? And do they give the wonderful variable IF for CW and not exhibit the blow-by problems of the stock filters?

I guess the other little question is - what filter does the rig use for SSB transmit signal shaping? Can I leave in whatever the present "wide" filter is, and only enable the new filters on RX?

TIA ES 73

Dave W8NF

# 4003. Re: [TS-850_450_690] Cascaded SSB filters?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-29 20:33:30 UTC
From: Paul Manuel
Topic: 4002  Message: 4003

--- Dave <emailw8nf@...> wrote:
> I guess the other little question is - what filter does the >rig use for SSB transmit signal shaping? Can I leave in >whatever the present "wide" filter is, and only enable the new >filters on RX?

Dave,
As long as you do not replace the stock filters you can continue to transmit thru them. There is a menu setting that allows you to select your transmit filters just as you can your receive filters. See www.mods.dk/view.php?ArticleId=792
73,
Paul K4PDM

_____
Yahoo! Mail - PC Magazine Editors' Choice 2005
http://mail.yahoo.com

# 4004. SSTV interface for ts-850 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-29 21:16:32 UTC
From: Allan
Topic: 4004  Message: 4004

Hi all,

I use chromapix with pc sound card for reception and the comelec CQFT-9601
for transmitions and I have some problems of static hf when i transmit ...
I can't find the problem so I'd like to made another SSTV interface.

Which is the better SSTV interface for the ts-850 ?

Many thanks for your help

Regards

Allan TOMIELLO

# 4005. Re: [TS-850_450_690] TS- 850 sat Filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-29 14:35:21 UTC
From: Paul
Topic: 3999  Message: 4005

Yes, definitely.

With one filter, you have passband shift, so you can move that 500 hz window up or down to block an interfering signal from one side or the other... but with both, you can move one down, and the other up, so as to narrow the window on both sides - effectively making the filter any "width" you want from 500 hz down to "0".
That's why they offer both.
I have both installed on my TS-850SAT

If it's convenient to change the battery, then do so while you are working on it - it'll give you another 10 to 15 years of no worries.

Paul - K2BK

# 4006. Re: Re: [TS-850_450_690] TS- 850 sat Filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-29 22:29:05 UTC
From: Mark Saunders, KJ7BS
Topic: 3999  Message: 4006

Please elaborate how this is done? Is this accomplished using the Slope Tune? I'm not sure I'm following this correctly.

Mark Saunders, KJ7BS
Glendale, AZ

==========
From: Paul <condor@...>
Date: 2005/11/29 Tue AM 09:35:21 EST
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS- 850 sat Filters

"but with both, you can move one down, and the other up, so as
to narrow the window on both sides - effectively making the filter any
"width" you want from 500 hz down to "0"."
==========

# 4007. Re: [TS-850_450_690] TS- 850 sat Filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-30 00:34:32 UTC
From: Dave
Topic: 3999  Message: 4007

Yes, slope tuning is the way you get variable bandwidth. With two filters cascaded - one in the 8.83 MHz IF and one in the 455kHz IF - you move one filter with each knob. The net effect is that one knob controls the position of the lower skirt, and the other knob controls the position of the upper skirt, of the "synthetic variable filter" that you get when two filters are cascaded.

As a bonus (or as a primary reason to use cascaded filters, for us contest types), when you cascade two filters, the ultimate rejection of the cascaded pair equals the sum of the two filters together. When I had the OEM style Kenwood 500Hz filters installed, I found them sadly lacking in the ultimate attenuation characteristic - definitely had to have both enabled, or it just wasn't much of a 500Hz filter.

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "Mark Saunders, KJ7BS" <kj7bs@c...> wrote:
>
> Please elaborate how this is done? Is this accomplished using the Slope Tune? I'm not sure I'm following this correctly.
>
> Mark Saunders, KJ7BS
> Glendale, AZ
>
> ========================================================
> From: Paul <condor@m...>
> Date: 2005/11/29 Tue AM 09:35:21 EST
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] TS- 850 sat Filters
>
> "but with both, you can move one down, and the other up, so as
> to narrow the window on both sides - effectively making the filter any
> "width" you want from 500 hz down to "0"."
> ========================================================
>

# 4008. Re: [TS-850_450_690] TS- 850 sat Filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-29 23:14:49 UTC
From: Paul
Topic: 3999  Message: 4008

The filters are controlled by two concentric knobs.
You can grab both of them and turn CW or CCW and you get IF shift - but
if you turn one knob one way, and the other knob the other way, together
they close the IF window and narrow the bandpass.

Paul - K2BK

Mark Saunders, KJ7BS wrote:

> Please elaborate how this is done? Is this accomplished using the
> Slope Tune? I'm not sure I'm following this correctly.
>
> Mark Saunders, KJ7BS
> Glendale, AZ

# 4009. RE: [TS-850_450_690] TS- 850 sat Filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-30 02:08:00 UTC
From: Mark Saunders, KJ7BS
Topic: 3999  Message: 4009

Thank you for the explanation.

I tried this when I got home. This works great!

I've been using my TS850S/AT since 1995 and never knew I could use the filters in this way. I thought the filters together only provided a slightly narrower filter range, but this is GREAT. I wish I knew about this last weekend for the CQWW CW contest.

I am amazed by the stuff I keep learning about this radio. I'm a CW operator with the occasional SSB contact when I can spot a good DX on the cluster. Reading the posts on this mail list is very educational, to say the least.

Thanks for all the great information from this list.

Mark Saunders, KJ7BS
Glendale, AZ

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Dave
Sent: Tuesday, November 29, 2005 5:35 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS- 850 sat Filters

Yes, slope tuning is the way you get variable bandwidth. With two filters cascaded - one in the 8.83 MHz IF and one in the 455kHz IF - you move one filter with each knob. The net effect is that one knob controls the position of the lower skirt, and the other knob controls the position of the upper skirt, of the "synthetic variable filter" that you get when two filters are cascaded.

As a bonus (or as a primary reason to use cascaded filters, for us contest types), when you cascade two filters, the ultimate rejection of the cascaded pair equals the sum of the two filters together. When I had the OEM style Kenwood 500Hz filters installed, I found them sadly lacking in the ultimate attenuation characteristic - definitely had to have both enabled, or it just wasn't much of a 500Hz filter.

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "Mark Saunders, KJ7BS"
<kj7bs@c...> wrote:
>
> Please elaborate how this is done? Is this accomplished using the

Slope Tune? I'm not sure I'm following this correctly.
>
> Mark Saunders, KJ7BS
> Glendale, AZ
>
> ============================================================
> From: Paul <condor@m...>
> Date: 2005/11/29 Tue AM 09:35:21 EST
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] TS- 850 sat Filters
>
> "but with both, you can move one down, and the other up, so as
> to narrow the window on both sides - effectively making the filter any
> "width" you want from 500 hz down to "0"."
> ============================================================
>

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 4010. Re: TS- 850 sat Filters

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-30 12:57:34 UTC
From: waynesmithvo1ta
Topic: 3999  Message: 4010

Thanks for the info Paul. I installed the other 500 Hz filter and gave it a go. Works great Wish I had known about this before the test last weekend. We will be ready for the next one. I have a spare replacement battery here so will replace it the first chace I get Thanks again Wayne VO1TA
--- In TS-850_450_690@yahoogroups.com, Paul <condor@m...> wrote:
>
> Yes, definitely.
>
> With one filter, you have passband shift, so you can move that 500 hz
> window up or down to block an interfering signal from one side or the
> other... but with both, you can move one down, and the other up, so as
> to narrow the window on both sides - effectively making the filter any
> "width" you want from 500 hz down to "0".
> That's why they offer both.
> I have both installed on my TS-850SAT
>
> If it's convenient to change the battery, then do so while you are
> working on it - it'll give you another 10 to 15 years of no worries.
>
> Paul - K2BK
>

# 4011. 455 filters for ts-850sat.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-30 18:32:41 UTC
From: David Quental
Topic: 4011  Message: 4011

Hello to all.

Name is David, call CT1DRB and a happy ts-850sat owner. My rig has only a 8.83 filter, a 270 hz filter, but I have not 455 filter. Reading some previous emails about this issue, it is advice to use a 455 filter too with the 8.83 filter. Today I phoned to kenwood dealer in Portugal and they said me that they have not YG-455C-1 or YG-455CN-1 because rig is outdated.
So, where is possible to buy these kind of filters???
I am interessed to buy in Euro parte of Europe, but if it is not possible I can buy outside Europe.

Best regards and till next email.

CT1DRB
David Quental

# 4012. Re: [TS-850_450_690] 455 filters for ts-850sat.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-11-30 19:33:36 UTC
From: Paul
Topic: 4011  Message: 4012

You can buy these filters on ebay all the time - if you were looking for one, you should be able to find one for sale in a week or two.

Also, Inrad makes filters (new) that have a very good reputation.

Paul - K2BK

# 4013. Re: 455 filters for ts-850sat.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-01 00:37:49 UTC
From: Dave
Topic: 4011  Message: 4013

Crystal filters manufactured by International Radio (Inrad) have
better performance and lower cost than Kenwood filters. International
Radio has a dealer in Germany, maybe others in Europe. See their website:

http://www.qth.com/inrad/

and find the "contact us" link. Email them and ask who their dealers
are in Europe.

The list of Inrad filters available for the TS-850 is found here:

http://www.qth.com/inrad/TS-850.htm

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, David Quental <ct1drb@i...> wrote:
>
> Hello to all.
>
> Name is David, call CT1DRB and a happy ts-850sat owner. My rig has only
> a 8.83 filter, a 270 hz filter, but I have not 455 filter. Reading some
> previous emails about this issue, it is advice to use a 455 filter too
> with the 8.83 filter. Today I phoned to kenwood dealer in Portugal and
> they said me that they have not YG-455C-1 or YG-455CN-1 because rig is
> outdated.
> So, where is possible to buy these kind of filters???
> I am interessed to buy in Euro parte of Europe, but if it is not
> possible I can buy outside Europe.
>
> Best regards and till next email.
>
> CT1DRB
> David Quental
>

# 4014. RE: Cascaded SSB filters?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-01 07:11:03 UTC
From: Randy Brothers
Topic: 4002  Message: 4014

Dave,

I use the 400hz Inrads as do you for cw, although I never had any problems using cascaded KW 500hz filters. I just prefer the 400 width. My cw dxing/contesting 850 has 250/400/400 Inrads.

I have another 850 with 1.8 and 2.1 Inrads in cascade. The cascaded 2.1 doesn't make as much difference to my ears on ssb as the 2nd cascaded filter does on cw. For most ssb dxing and contesting, I find the 1.8 in the 8.8 slot to be sufficient.

For general use on a crowded band, the 2.1 works well without the pinch of the 1.8. I don't do a lot of hf ragchewing, but when I do, I typically find the stock filters more than adequate unless there's someone splattering nearby.

I had not considered using the ssb filter setup on cw, but a little experimentation the last 2 evenings suggests that while it might give you some of what you're looking for with the VBT at the broad end, you would not be happy at the 400/500hz end.

I would suggest you put a 1.8 or 2.1 Inrad in the open 8.8 slot and keep the 400's cascaded.
That way you can get a little better performance in the 1.5-2.0 Khz range, and have some ssb selectivity when needed.
You would miss those 400's very quickly.

73 Randy K9OR

---
Date: Tue, 29 Nov 2005 18:50:39 -0000
From: "Dave" <emailw8nf@...>
Subject: Cascaded SSB filters?

I have cascaded 400Hz Inrad filters for CW, and they're wonderful.
None of the blow-by that existed when I had Kenwood 500Hz filters installed.

...what I really want to be able to do is to vary the IF bandwidth from a low of, say, 400-500Hz up to about 1.5-2kHz. Of course, that's the purpose of the slope tuning controls.
.....

So, I think I need to get a pair of Inrad SSB filters for this purpose. As a CW op, I'm inclined to go with pretty narrow filters, but I don't want to compromise SSB too badly, as there's another ham in the household who is more focused on traffic handling and emergency comms...

Inrad offers SSB filters for both IFs at 6dB bandwidths of 1.8, 2.1 and 2.8kHz. Has anybody tried more than one BW, and can indicate at what BW the SSB intelligibility starts to suffer? My suspicion is that 1.8kHz would sound restricted no matter what. 2.8kHz is certainly wider than any SSB filter I've had in previous radios. What about 2.1kHz? Anybody using a cascaded set? If so, how is it for phone? And do they give the wonderful variable IF for CW and not exhibit the blow-by problems of the stock filters?

# 4015. Re: [TS-850_450_690] Re: 455 filters for ts-850sat.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-01 08:38:36 UTC
From: Ron Meiring
Topic: 4011  Message: 4015

Inrad filter are cheaper and have a bigger ripple.
I prefer the Kenwood filter.
You also have to cut something in your radio to fit them in.

73 Ron VK6KDD

On Thu, 01 Dec 2005 00:37:49 -0000, Dave wrote:
>Crystal filters manufactured by International Radio (Inrad) have
>better performance and lower cost than Kenwood filters.
>International
>Radio has a dealer in Germany, maybe others in Europe. See their
>website:
>
>http://www.qth.com/inrad/
>
>and find the "contact us" link. Email them and ask who their
dealers
>are in Europe.
>
>The list of Inrad filters available for the TS-850 is found here:
>
>http://www.qth.com/inrad/TS-850.htm
>
>73,
>
>Dave W8NF
>
>--- In TS-850_450_690@yahoogroups.com, David Quental <ct1drb@i...>
>wrote:
>>
>>Hello to all.
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>>a 8.83 filter, a 270 hz filter, but I have not 455 filter. Reading
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>>So, where is possible to buy these kind of filters???
>>I am interessed to buy in Euro parte of Europe, but if it is not

>>possible I can buy outside Europe.
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>>Best regards and till next email.
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>>CT1DRB
>>David Quental
>>
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>
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>Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.
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>

# 4016. Please trim before posting

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-01 12:13:45 UTC
From: max_ve3tmt
Topic: 4016  Message: 4016

Hi guys,

When replying to a thread that is 2 or 3 replies long already, please trim the senders information to include only the latest message and your reply. Some of these replies get pretty long and makes reading confusing.

Max

# 4017. Re: Cascaded SSB filters?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-01 19:30:27 UTC
From: Dave
Topic: 4002  Message: 4017

Sounds like a 2.1 and a 1.8 together might be worth a try. They'd fit the SSB slots, and I'd leave the pair of 400Hz filters in the CW slots. Over the whole CQ WW weekend, I may have had the pair of 400Hz filters in place maybe 20% of the time. Most of the time I cascaded and narrowed the SSB filters, using an outboard SCAF to "fix" the monstrous blow-by. Hopefully with 8-pole filters instead of whatever Kenwood supplies stock, the resultant skirts would be steep enough to be worthy. Curves on the Inrad website suggest the actual skirt slope is not substantially different between CW and SSB filters at the same IF.

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "Randy Brothers" <k9or@c...> wrote:
>
> Dave,
>
> I use the 400hz Inrads as do you for cw, although I never had any
problems
> using cascaded KW 500hz filters. I just prefer the 400 width. My cw
> dxing/contesting 850 has 250/400/400 Inrads.
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> That way you can get a little better performance in the 1.5-2.0 Khz
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> and have some ssb selectivity when needed.
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> 73 Randy K9OR
>
> ---------------------------------------
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> From: "Dave" <emailw8nf@y...>
> Subject: Cascaded SSB filters?
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> I have cascaded 400Hz Inrad filters for CW, and they're wonderful.
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> ...what I really want to be able to do is to vary the IF bandwidth
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> low of, say, 400-500Hz up to about 1.5-2kHz. Of course, that's the
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> of the slope tuning controls.
> .....
>
> So, I think I need to get a pair of Inrad SSB filters for this
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> a CW op, I'm inclined to go with pretty narrow filters, but I don't
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> more focused on traffic handling and emergency comms...
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> sound restricted no matter what. 2.8kHz is certainly wider than any SSB
> filter I've had in previous radios. What about 2.1kHz? Anybody using a
> cascaded set? If so, how is it for phone? And do they give the
wonderful
> variable IF for CW and not exhibit the blow-by problems of the stock
> filters?
>

# 4018. Re: 455 filters for ts-850sat.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-01 19:32:29 UTC
From: Dave
Topic: 4011  Message: 4018

Ron, do you have the performance curves for the Kenwood filters
available? My SSB filters seem to have a bit more ripple than what
Inrad shows on their website. Honestly, though, I don't find ripple
to be objectionable, compared with the "soft" skirts on the low-order
OEM filters.

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Ron Meiring <rmeiring@i...> wrote:
>
> Inrad filter are cheaper and have a bigger ripple.
> I prefer the Kenwood filter.
> You also have to cut something in your radio to fit them in.
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> On Thu, 01 Dec 2005 00:37:49 -0000, Dave wrote:
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> >International
> >Radio has a dealer in Germany, maybe others in Europe. See their
> >website:
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> >http://www.qth.com/inrad/
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> >are in Europe.
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> >The list of Inrad filters available for the TS-850 is found here:
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> >
> >73,
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> >Dave W8NF
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> >--- In TS-850_450_690@yahoogroups.com, David Quental <ct1drb@i...>
> >wrote:
> >>
> >>Hello to all.
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> >>Name is David, call CT1DRB and a happy ts-850sat owner. My rig has
> >>only

> >>a 8.83 filter, a 270 hz filter, but I have not 455 filter. Reading
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> >>So, where is possible to buy these kind of filters???
> >>I am interessed to buy in Euro parte of Europe, but if it is not
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> >>Best regards and till next email.
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> >THANKS FOR USING TS-850_450_690@Y...
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> >
>

# 4019. Re: [TS-850_450_690] Re: 455 filters for ts-850sat.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-01 19:57:20 UTC
From: Ron Meiring
Topic: 4011  Message: 4019

Hi Dave,

They can be found on the net.
Can't tell you where. I found them perhaps on the Kenwood USA site ??
The 1.8 SSB filter is a waiste of money. To critical to tune.
For weak signal: you lost the station when you get it tuned.

The inrad filters have can have also more ripple than they advertise.
I have got them here as well.
Only advantage is Inrad has other filter options.

Cheers
Ron VK6KDD

On Thu, 01 Dec 2005 19:32:29 -0000, Dave wrote:
>Ron, do you have the performance curves for the Kenwood filters
>available? My SSB filters seem to have a bit more ripple than what
>Inrad shows on their website. Honestly, though, I don't find ripple
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>>>and find the "contact us" link. Email them and ask who their
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>>>The list of Inrad filters available for the TS-850 is found here:
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>>>Dave W8NF
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>>>>Name is David, call CT1DRB and a happy ts-850sat owner. My rig
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>>>>Best regards and till next email.
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>>>THANKS FOR USING TS-850_450_690@Y...
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# 4020. Re: [TS-850] Re: Cascaded SSB filters? - Another view.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-01 20:00:56 UTC
From: Paul
Topic: 4002  Message: 4020

Hi folks.

I'd like to toss in another thought on this. I'm not proposing either the Kenwood filters or the Inrad Kenwood filters.

There are those that love to knock factory filters as "junk" or "too soft", or some other condescending term. Not me.

I have also known and dealt with Inrad some 20+ years ago, back when they were "International Radio" even before they were "International Radio & Computers" down in Port St. Lucie, Fla, and these folks are damn sharp (badd pun ;)

My TS-850-SAT has both the Kenwood 500 hz filters (plus others) and it has been fine - they have NOT been a limitation for me. I use an outboard DSP audio filter not because the IF filters are soft, but because of the auto notching and other goodies.

But here's the rub... The TS-850, is my portable, field day, go outside in a tent radio.

My "base station" radio is an Icom 756-Pro-III that is fully digital DSP in the IF stages - it has a humongous receiver.

In it, you can vary the skirt shape of the filters from "soft" to "Hard"... so sharp that they would give Inrad wet dreams.

In the sharp position, as you tune the bands, stations just POP in the passband, and then POP out in an instant.

Many Pro-III owners call Icom and complain that these filters are too hard - that they want to hear stations come into the passband slowly, coming in at low volume and getting louder as they come to the center of the pass band - it helps them listen for stations and work pile-ups in DX.

Icom then explains to them that they can adjust the filters to the shape they want (It's called READ THE MANUAL, DUMMY).

I agree - a hard filter can be a handicap when crawling through the 300 other bodies that want Spratley as much (or more) than you do!

So, my advice is this... don't assume that sharper is always better - think of how you operate, how you listen, and whether you are a caller (CQ DX), or a hunter/pouncer, and then pick the filters that match your style of operating

Paul - K2BL

# 4021. [TS-850] Re: Cascaded SSB filters? - Another view.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-01 20:58:18 UTC
From: Dave
Topic: 4002  Message: 4021

Paul,

Your advice is well-heeded. How sharp one wants filtering has to do with operator preference, whether you're doing Field Day and want a "wide as a barn door" effect and so on.

Short of DSP, I think the '850 does pretty well at giving the ability to tailor the skirts. For the most gentle skirts, I can dial in an SSB filter in one IF, and an AM filter in the other IF. For a bit sharper skirt, two SSB filters. I have an outboard SCAF-1, which is an eight-pole filter. Presuming that Kenwood's filters are four-pole each, then I can create something close to a sixteen pole filter with the combination. That is, in fact, quite sharp enough, but the outboard SCAF is actually doing most of the work, and signals that are outside the SCAF, but inside the IF filters, still pump the AGC, so it's not great.

I find the cascaded Inrads on CW to be perfect when doing very weak-signal stuff - DXing on 160 meters, where you need all the help you can get. I even use the slope tuning to narrow them down a bit. But the SSB filters, I find too wide for any activity that I engage in.

That's why I'm seeking something in between.

I cut my teeth on rigs with flexible filtering - the Drake receivers. Always had shiftable center freqs, and I always had a Q-multiplier in addition, so I've always had variable BW and CF in the IF in my radios. I felt downright crippled when I got my first solid state radio, a TS-120S. It had IF shift, but no method of varying the bandwidth.

The behavior you describe - a station simply popping in and out as you tune - that's what I get if I cascade the two Inrad 400Hz CW filters AND the outboard SCAF. When I do that, I have 16 poles in operation and for my tastes, that definitely is too sharp. Happily, it does not ring, at least.

Interesting discussion.

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Paul <condor@m...> wrote:
>
> Hi folks.
>

> I'd like to toss in another thought on this. I'm not proposing either
> the Kenwood filters or the Inrad Kenwood filters.
>
> There are those that love to knock factory filters as "junk" or "too
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> So, my advice is this... don't assume that sharper is always better -
> think of how you operate, how you listen, and whether you are a caller
> (CQ DX), or a hunter/pouncer, and then pick the filters that match your
> style of operating
>

> Paul - K2BL
>

# 4022. Kenwood filter for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-02 02:18:28 UTC
From: n7ioh
Topic: 4022  Message: 4022

All this talk about filters. I thought I would mention again that I have for sale the Kenwood YK-88S-1, 2.4 kHz SSB filter for the 8.83 IF. The filter is like new and comes with the directions. I was told that Kenwood is not making these any more and INRAD does not make a 2.4kHz for the 8.83 IF. This filter fits a multitude of different Kenwood radios. The price is $90, this includes shipping in the US and Canada. Please contact me directly.

Thanks, Al, n7ioh

# 4023. Re: [TS-850_450_690] Kenwood filter for sale

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-02 02:30:34 UTC
From: wn9d
Topic: 4022  Message: 4023

Do you have an offer for them yet? If not, I'm interested.

Randy WN9D

----- Original Message -----
From: n7ioh
To: TS-850_450_690@yahoogroups.com
Sent: Thursday, December 01, 2005 8:18 PM
Subject: [TS-850_450_690] Kenwood filter for sale

All this talk about filters. I thought I would mention again that I
have for sale the Kenwood YK-88S-1, 2.4 kHz SSB filter for the 8.83 IF.
The filter is like new and comes with the directions. I was told that
Kenwood is not making these any more and INRAD does not make a 2.4kHz
for the 8.83 IF. This filter fits a multitude of different Kenwood
radios. The price is $90, this includes shipping in the US and Canada.
Please contact me directly.

Thanks, Al, n7ioh

THANKS FOR USING TS-850_450_690@...

---

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---

[Non-text portions of this message have been removed]

# 4024. Re: [TS-850_450_690] [TS-850] Re: Cascaded SSB filters? - Another view.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-02 02:50:04 UTC
From: Paul
Topic: 4002  Message: 4024

Hello Dave.

Your mention of the Kenwood 120 rings a bell - I have both the TS-130SE, and the TS-130V (QRP version),
and have them both fitted with the 270hz and the 1.8khz filters - though the filters are "narrower" than most would like, the walls allow very comfortable use on field day, (under primative conditions when I won't take out the TS-850).

Paul - K2BK

# 4025. [TS-850] Re: Cascaded SSB filters? - Another view.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-02 17:06:20 UTC
From: Dave
Topic: 4002  Message: 4025

Well, I'm massively impressed that you can even USE a TS-130x on Field Day. I took my TS-120S out on Field Day once. We had a 2A setup, and the other guys were using Collins gear. The TS-120 receiver was incapable of functioning when the other station was on the air at all. Perhaps if we'd built up some narrow bandpass filters, we could have stayed on the air, but without said filters, the '120 was simply not up to the task!

FD 2005, we had a very small groups of guys, all employed in the high-end test and measurement industry as design engineers. I had no qualms about bringing my TS-850, and neither did one of the other guys, who also brought an FT-1000D that we did not use. The two '850s were superb. Even with no bandpass filters, we were able to operate one on CW and the other on SSB on the same band, and not hear each other. The two radios sat on the same picnic table, operators on opposite sides of the table, so the "connector end" of the rigs were just about kissing each other.

The only problem we had with the '850s on FD wasn't due to the '850. Our six meter station used an Icom IC-706, which transmitted broadband hash any time it was on the air. We could hear it on all HF bands. Next year, we WILL have bandpass filters for that Icom.

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Paul <condor@m...> wrote:
>
> Hello Dave.
>
> Your mention of the Kenwood 120 rings a bell - I have both the
TS-130SE,
> and the TS-130V (QRP version),
> and have them both fitted with the 270hz and the 1.8khz filters -
though
> the filters are "narrower" than most would like, the walls allow very
> comfortable use on field day, (under primative conditions when I won't
> take out the TS-850).
>
> Paul - K2BK
>

# 4026. First qso's

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-03 08:18:57 UTC
From: Paul Spiteri
Topic: 4026  Message: 4026

Hi everybody,
I am looking for a website where I can find the first qso's
between a country and an other ( qsl information ). I want it for HF. I know
that there are some sites on VHF regarding this matter.
Thanks for your kindly help and best 73's de'
9H1SP
Paul
HF Manager

---
[This E-mail was scanned for spam and viruses by NextWeb]

# 4027. TS 850 Internal Keyer

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-04 05:42:59 UTC
From: lucysbranch
Topic: 4027  Message: 4027

I have an 850 and recently bought a Begali paddle to use with CW. My question is, the way it is presently set up, the right paddle is for dahs, and the left is for dits. Is there a way to reverse that in the 850's keyer, so that the right is for dits and the left for dahs??

Tnx es 73 de K4WU
Ron

# 4028. Re: TS 850 Internal Keyer

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-04 12:45:15 UTC
From: max_ve3tmt
Topic: 4027  Message: 4028

--- In TS-850_450_690@yahoogroups.com, "lucysbranch"
<lucysbranch@y...> wrote:
>
> I have an 850 and recently bought a Begali paddle to use with CW. My
> question is, the way it is presently set up, the right paddle is for
> dahs, and the left is for dits. Is there a way to reverse that in the
> 850's keyer, so that the right is for dits and the left for dahs??
>
> Tnx es 73 de K4WU
> Ron

Ron,

Menu item # 22 (LSB/USB button + POWER ON) says "REVERSE MODE" Not sure if this will work. You can try setting it to ON and see it that's it. It really doesn't give much description in the manual. If not, turn it back off and just reverse the lines on the paddle plug.

Max

# 4029. Re: [TS-850_450_690] TS 850 Internal Keyer

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-04 12:45:15 UTC
From: Paul
Topic: 4027  Message: 4029

Yes...

You reverse the wires on the paddle, or the plug

It works EVERY TIME, I gari-damn-tee it!

;)

Paul - K2BK

# 4030. TS-450S Sidebands unbalanced

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-04 21:37:02 UTC
From: Danny J. Conner
Topic: 4030  Message: 4030

Hi all,

I have a TS-450S that I got and someone else had worked on it. I've got it working except the Sidebands are mismatched. VR4 on the RF unit had some control on it, but the LSB will only produce about 25 watts while the USB produces 75 or better. The other issue I'm having is the power out. To obtain full power on SSB, FM will produce 150watts. I'm looking for ideas. I did attempt to balance the USB / LSB using the menus but they're still off.

I appreciate any and all help.

73,

Danny
KD5UJ

# 4031. TS-850 Slow AGC not working

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-04 21:39:19 UTC
From: k6htm
Topic: 4031  Message: 4031

Slow AGC position acts like it's stuck on MID. Front panel switch
appears to be working as per measurement made on IF board. Any ideas?
Tks. -- Charlie K6HTM

# 4032. Re: [TS-850_450_690] TS-850 Slow AGC not working

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-04 22:43:06 UTC
From: Colin J Thomson
Topic: 4031  Message: 4032

Hi..

This is my first post to this very helpful group,

On Sunday 04 December 2005 21:39, k6htm wrote:
> Slow AGC position acts like it's stuck on MID. Front panel switch
> appears to be working as per measurement made on IF board. Any ideas?
> Tks. -- Charlie K6HTM

I had the exactly the same problem with my TS850SAT earlier this year, it turned out to be a leaky cap on the AGC board. So I got another AGC board from East Coast Transistor, part No:

X59-3820-00 (AGC)SUB UNIT TS-850S cost then was $ 15.08

HTH

Colin - G6AVK - JO01HO
--
Fedora Core 4, Custom Built Kernel 2.6.15-rc2-ck2
KDE-Redhat-3.5.0-1.1.fc4.kde
Registered Linux user number #342953

# 4033. Re: TS-850 Slow AGC not working

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-05 03:10:29 UTC
From: k6htm
Topic: 4031  Message: 4033

Thanks, Colin, for the hint. I suspected as much. Just wanted
confirmation. 73, -- Charlie K6HTM

--- In TS-850_450_690@yahoogroups.com, Colin J Thomson <colin@g...> wrote:
>
> Hi..
>
> This is my first post to this very helpful group,
>
> On Sunday 04 December 2005 21:39, k6htm wrote:
> > Slow AGC position acts like it's stuck on MID. Front panel switch
> > appears to be working as per measurement made on IF board. Any ideas?
> > Tks. -- Charlie K6HTM
>
> I had the exactly the same problem with my TS850SAT earlier this
year, it
> turned out to be a leaky cap on the AGC board. So I got another AGC
board
> from East Coast Transistor, part No:
>
> X59-3820-00 (AGC)SUB UNIT TS-850S cost then was $ 15.08
>
> HTH
>
> Colin - G6AVK - JO01HO
> --
> Fedora Core 4, Custom Built Kernel 2.6.15-rc2-ck2
> KDE-Redhat-3.5.0-1.1.fc4.kde
> Registered Linux user number #342953
>

# 4034. TS-450S "Matching" Power Supply

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-05 03:31:36 UTC
From: ve9xyz
Topic: 4034  Message: 4034

My manual says that the "matching" PS for my TS-450S is the PS-53. It also lists the PS-33 but doesn't say anything about the differences. I've got a possible line on a PS-52 but for all the $$ that this thing will cost me, I'd really want this PS to "match' my TS-450's dimensions - I can't get the specs on this despite my googling. Some day I'll have a tidy shack and would really prefer a matching PS.

So here's my questions:

1. what is the difference between the PS-33. PS-52 & PS-53 (specs and dimensions)
2. do these things have noisy fans that would make me regret owning one?
3. What is the typical price I should expect to pay?

73

Kevin

# 4035. [TS-850_450_690] Re: TS 850 Internal Keyer

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-05 08:15:51 UTC
From: Gary ve3rin
Topic: 4027  Message: 4035

Subject: [TS-850_450_690] Re: TS 850 Internal Keyer

or you can do as I did, I have the paddle and straight Key on a mounting board so I put a switch in line so that I could use the paddle with dah's on the right and dit's on the left and my wife can just flick the switch and reverse the paddles. It works well for us.
de ve3rin Gary

> > I have an 850 and recently bought a Begali paddle to use with CW. My
> > question is, the way it is presently set up, the right paddle is for
> > dahs, and the left is for dits. Is there a way to reverse that in the
> > 850's keyer, so that the right is for dits and the left for dahs??

# 4036. Re: TS-450S "Matching" Power Supply

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-05 05:15:58 UTC
From: wb4kdi
Topic: 4034  Message: 4036

> So here's my questions:
>
> 1. what is the difference between the PS-33. PS-52 & PS-53 (specs and
> dimensions)

PS-33 (20.5A) / PS-53 (22.5A) match the 450/690
PS-52 (22.5A) / PS-31 (20.5A) are taller, match the 850

Don't know the answers to the other questions.

djb

# 4037. Re: TS-450S "Matching" Power Supply

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-05 12:01:28 UTC
From: max_ve3tmt
Topic: 4034  Message: 4037

--- In TS-850_450_690@yahoogroups.com, "ve9xyz" <myfamilydotcom@h...>
wrote:

> So here's my questions:
>
> 1. what is the difference between the PS-33. PS-52 & PS-53 (specs and
> dimensions)
> 2. do these things have noisy fans that would make me regret owning
> one?
> 3. What is the typical price I should expect to pay?
>
> 73
>
> Kevin

Kevin,

According to my Kenwood Catalogue....

The two matching supplies for the TS450 are:

PS-33 20.5A or PS-53 22.5A

The PS-31 and PS-52 are taller and are designed to match the TS850.

As for dimensions, the above supplies are the same height as the
respective transceiver. I had a PS-52 in the past as well as the
matching SP-31. I have long since sold both. I use a homebrew 25A
supply and a Sony 2-way bookshelf speaker which sounds much better
than the Kenwood. In my opinion, if you want everything to "match",
you have to pay for it. Matching accessories command a much higher
price than their generic counterparts, and they are usually way
overpriced. My power supply might not be a pretty as the PS-52 but it
is under the desk out of sight, and well the response I get from the
speaker speaks for itself. Expect to pay around $200 US for the supply
and $75-100 US for the speaker.

Max

# 4038. Re: [TS-850_450_690] TS-450S "Matching" Power Supply

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-05 17:46:39 UTC
From: Anthony W. DePrato
Topic: 4034  Message: 4038

any of them will match. just if you want a switching power supply with all
the nice spikes or know. go with the ps 40 or ps 52.
73 Tony

QBE ZUT DE WA4JQS

ANTHONY W. (Tony) DePrato WA4JQS EXTRA - HEAVY
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CQ DX HALL OF FAME # 35
A1-OP FISTS # 10573
South Sandwich Island Dxpedition Group
CALLS HELD:
WA4JQS/ZS1, WA4JQS/KC4, WA4JQS/4K1
ZD8JQS, V31SS,
VP8BZL, VP8SSI, 3Y0PI

[Non-text portions of this message have been removed]

# 4039. Re: [TS-850_450_690] TS-450S "Matching" Power Supply

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-05 16:31:14 UTC
From: Bill K0ZL
Topic: 4034  Message: 4039

Look at the little Samlex switcher; they are kinda
neat looking, small, light and cheap

b

--- ve9xyz <myfamilydotcom@...> wrote:

> My manual says that the "matching" PS for my TS-450S
> is the PS-53. It
> also lists the PS-33 but doesn't say anything about
> the differences.
> I've got a possible line on a PS-52 but for all the
> $$ that this thing
> will cost me, I'd really want this PS to "match' my
> TS-450's
> dimensions - I can't get the specs on this despite
> my googling. Some
> day I'll have a tidy shack and would really prefer a
> matching PS.
>
> So here's my questions:
>
> 1. what is the difference between the PS-33. PS-52 &
> PS-53 (specs and
> dimensions)
> 2. do these things have noisy fans that would make
> me regret owning
> one?
> 3. What is the typical price I should expect to pay?
>
> 73
>
> Kevin
>
>
>
>

When in doubt, MODIFY...

# 4040. Re: TS-450S "Matching" Power Supply

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-06 02:46:22 UTC
From: Dave
Topic: 4034  Message: 4040

Several hams, including myself, have had noise problems with the
Samlex on 80 and 160. It's curable with beads and capacitors.

But I think in general, simply getting a good beefy linear regulated
supply is the answer. If you engage in a variety of ham activities
(as we all should, per the amateur's code), then desktop space very
quickly becomes a premium, and since you never need touch a power
supply, you'll quickly set it on a shelf nowhere near the radio.
Problem solved - power supply need not visually match the rig!

Same thing happens quickly with speakers. I only listen on speakers
if the rig's on in the background and I'm working at the bench,
otherwise I wear 'phones. Therefore, my speakers are on a high shelf,
nowhere near the rig, and need not match the rig's appearance.

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
>
> Look at the little Samlex switcher; they are kinda
> neat looking, small, light and cheap
>
> b
>
>
> --- ve9xyz <myfamilydotcom@h...> wrote:
>
> > My manual says that the "matching" PS for my TS-450S
> > is the PS-53. It
> > also lists the PS-33 but doesn't say anything about
> > the differences.
> > I've got a possible line on a PS-52 but for all the
> > $$ that this thing
> > will cost me, I'd really want this PS to "match' my
> > TS-450's
> > dimensions - I can't get the specs on this despite
> > my googling. Some
> > day I'll have a tidy shack and would really prefer a
> > matching PS.
> >
> > So here's my questions:
> >
> > 1. what is the difference between the PS-33. PS-52 &
> > PS-53 (specs and
> > dimensions)
> > 2. do these things have noisy fans that would make

> > me regret owning
> > one?
> > 3. What is the typical price I should expect to pay?
> >
> > 73
> >
> > Kevin
> >
> >
> >
> >
>
>
>
> When in doubt, MODIFY...
>

# 4041. Years Made

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-07 00:24:27 UTC
From: Lane Giard
Topic: 4041  Message: 4041

What years did they make TS-850s.

Thanks

# 4042. matching psu

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-06 22:28:07 UTC
From: sailfree4me@netscape.net
Topic: 4042  Message: 4042

Back in the Day...

They put speakers in the power supplies (or vice versa) and they did a good job. The matching supplies that I have had for the TS-430 and TS-850, of course, didn't have a speaker.

My Dad has the matching supply and speaker. He bought the supply from me because you couldn't convert it to 240 volts and I was shipping overseas. He acquired the speaker and it is so-so in operation.

I used the PS-430 with the 430 then the 850 overseas and it worked great. Best thing was it was switch selectable on the bottom 240/120 volts. It stayed in Morocco with a local ham when I left.

Now the tie-in to the first sentence. I use a Swan PSU-5A with my 850. You youngsters won't remember Swan or it's move into solid state before disappearing into the Cubic name. Well this is a nice 20 amp linear supply with a GREAT speaker built in. It went with the 100MX transceiver. It doesn't look right, but it works fantistic. If it didn't it would be out of sight as others have suggested. Why have a supply up front that you don't operate or listen to? The supply for my Drake TR-7 is an Astron 35 under the bench linked up to the on-off switch on the transceiver.

Just a little flavor of my shack with some opinions thrown in!

73, John - W4BA

_____
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# 4043. Warc Bands

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-07 15:53:18 UTC
From: Lane Giard
Topic: 4043  Message: 4043

Whar are the warc bands.

# 4044. Re: [TS-850_450_690] Warc Bands

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-07 16:47:19 UTC
From: Zack Widup
Topic: 4043  Message: 4044

On Wed, 7 Dec 2005, Lane Giard wrote:

> Whar are the warc bands.
>

30 meters > 10100 - 10150
17 meters > 18068 - 18168
12 meters > 24890 - 24990

73, Zack W9SZ

# 4045. Re: Warc Bands

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-07 19:23:56 UTC
From: Dave
Topic: 4043  Message: 4045

Just to clarify further, they are called the "WARC" bands, because they were granted to ham usage by action at the World Administrative Radio Conference, in 1979. At that conference, the frequencies were allocated, and over the ensuing years, governments in various countries began permitting use slowly.

There is one erroneous bit of information that you will encounter - it is often said that the legal power limit on the 10.1 MHz band (30 meters) is 200 watts. That is true in the US. There are other countries where the legal power limit is as high as 1.5kW. So, don't assume someone is trying to do something illegal if he wants to modify his Alpha to run on 30 meters!

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Zack Widup <w9sz@p...> wrote:
>
> On Wed, 7 Dec 2005, Lane Giard wrote:
>
> > Whar are the warc bands.
> >
>
> 30 meters > 10100 - 10150
> 17 meters > 18068 - 18168
> 12 meters > 24890 - 24990
>
> 73, Zack W9SZ
>

# 4046. TS850 interface to TL922

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-08 05:23:08 UTC
From: antonio_gutierrez2003
Topic: 4046  Message: 4046

Hello All,

I have seen in the TS850 manual a direct connection from the remote connector at the rear panel to the ALC & REL in the amplifier. Do I need an interface like the N0JX for vintge amplifiers like SB220? or I have no problem connecting that directly?

Have any of you ever tried go full QSK on the TS850 with the amplifier without the QSK vacuum relay? what is the max wpm rate you get without hot switching?

Thanks for your help
Antonio
EA4KT

# 4047. Re: TS850 interface to TL922

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-08 14:31:42 UTC
From: w7tea
Topic: 4046  Message: 4047

TS850 works QSK with Ten Tec amps. I have a Centaur, a late 90's 500w amp. You have to use an external keyer. You run your keyer to the key in jack on the back of the amp and then
a line from the key out jack to the key jack on the back of the 850. I don't know how fast it
will run. I only send about 20-25wpm and it seemed to keep up fine.

Gary W7TEA

--- In TS-850_450_690@yahoogroups.com, "antonio_gutierrez2003"
<antonio.gutierrez@h...> wrote:
>
> Hello All,
>
> I have seen in the TS850 manual a direct connection from the remote
> connector at the rear panel to the ALC & REL in the amplifier. Do I

# 4048. Re: [TS-850_450_690] TS850 interface to TL922

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-08 19:49:21 UTC
From: Bill K0ZL
Topic: 4046  Message: 4048

Antonio, I don't recommend full QSK with any relay'ed
amplifier.

You do not need an interface for the sb-220; I have
run mine for years with just the connecting cable;
also the SB-200.

bill

--- antonio_gutierrez2003 <antonio.gutierrez@...>
wrote:

> Hello All,
>
> I have seen in the TS850 manual a direct connection
> from the remote
> connector at the rear panel to the ALC & REL in the
> amplifier. Do I
> need an interface like the N0JX for vintge
> amplifiers like SB220? or I
> have no problem connecting that directly?
>
> Have any of you ever tried go full QSK on the TS850
> with the amplifier
> without the QSK vacuum relay? what is the max wpm
> rate you get without
> hot switching?
>
> Thanks for your help
> Antonio
> EA4KT
>
>
>
>

When in doubt, MODIFY...

# 4049. Re: TS850 interface to TL922

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-09 01:27:01 UTC
From: Dave
Topic: 4046  Message: 4049

If an amplifier relay is slow, you will hot switch in QSK or non-QSK mode. The radio will be transmitting before the amp's relay is done switching.

The only sure-fire fix is to develop a circuit that first keys the amp, and only keys the radio after the amp has been keyed. Ten-Tec and Alpha amps have this feature built in. For other amps, you have to build outboard circuitry and/or modify the amp.

Most rigs (the TS-850 included) delay the RF output just a tad...so the "amp key" line goes low, then after a slight delay, the RF output engages. You'll need to use an oscilloscope to see this timing, then do similar measurements on the amp, to ensure no hot switching takes place - or let the amp do the sequencing.

I haven't gone to the exotic meausures mentioned above. Instead, I use a footswitch to key my SB-220. Interestingly enough, the T/R relay on that amp has such poor isolation, that I can leave the TS-850 in QSK mode, and still receive through the amplifier. Doesn't work with very weak stations, but it works for most signals. Having the footswitch also allows me to choose whether or not to use the amplifier on a per-transmission basis, and not have to turn off the amp when I don't want to use it.

I'm rebuilding an Alpha 76. It was prior to the date that Alphs put sequencing in the amplifiers, but I plan to put vac relays and sequencing into the amp. I may decide I don't like it, but I just have to try it!

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "antonio_gutierrez2003" <antonio.gutierrez@h...> wrote:
>
> Hello All,
>
> I have seen in the TS850 manual a direct connection from the remote
> connector at the rear panel to the ALC & REL in the amplifier. Do I
> need an interface like the N0JX for vintge amplifiers like SB220? or I
> have no problem connecting that directly?
>
> Have any of you ever tried go full QSK on the TS850 with the amplifier
> without the QSK vacuum relay? what is the max wpm rate you get without
> hot switching?
>

> Thanks for your help
> Antonio
> EA4KT
>

# 4050. TS-450SAT Audio problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-09 02:17:00 UTC
From: Tom Osborne
Topic: 4050  Message: 4050

Hi All

My TS-450SAT has started weirding out here the past couple of days.

When I turn it on, it comes on for a few seconds then the audio goes off. If I disconnect the antenna and connect it back, the audio comes back on again for a few seconds. I can pull the coax plug out of the jack on the back and the audio comes back on. Touch the antenna to the jack and it comes back on again for a few seconds. Sounds just like a squelch coming on and off.

Sounds like a dirty relay contact or something. I took the top and bottom off and reset all the plugs and jacks on the circuit boards.

HELP!!

Tom W7WHY

# 4051. TS850 interface to TL922

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-09 02:22:25 UTC
From: K0BX
Topic: 4046  Message: 4051

Everything that everyone has said is true.

The TS-850S relay was design to key the Kenwood TL-922. No problem with the relay handling it.

BUT, when I hooked up my TS-850S/AT to my Drake L-7 Amp it all worked ok except that I could see on the wattmeter the "Hot-Switching", that is, I would get a RF spike out before the amp keyed and I would get a high SWR for just an instance.

Also I did not like hearing the noise of the relay in the TS-850S.

So the answer was use the +12 volts on transmit from the assc. socket. Key a transistor that then keys the amp. Many circuits have been designed for this so I don't take credit but the one I used sure worked.

I guess my TS-850S has been keying the amp for almost 13 years now. No noise relay.

The circuit I used and how to build it is on my website. The cost of the $4.00 box exceeded the cost of all the other parts.

Anyway a picture is worth a 1K words so give at look at:

http://www.qsl.net/k0bx/amp.html

Happy Keying.

Joe K0BX

# 4052. Re: [TS-850_450_690] Re: TS850 interface to TL922

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-09 01:39:45 UTC
From: Paul
Topic: 4046  Message: 4052

Dave wrote:

>
> I'm rebuilding an Alpha 76. It was prior to the date that Alphs put
> sequencing in the amplifiers, but I plan to put vac relays and
> sequencing into the amp. I may decide I don't like it, but I just
> have to try it!
>
> 73,
>
> Dave W8NF
>
Dave... I have an Alpha 77Sx and can tell you that you will LOVE the vac relays when you get them in - I can hear between the dots at 50wpm+ (of course don't assume that I can actuall copy that fast)

;)

The T/R switching time is 2 milliseconds.

Paul - K2BK

# 4053. RE: [TS-850_450_690] TS850 interface to TL922

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-09 06:46:58 UTC
From: Gutierrez, Antonio
Topic: 4046  Message: 4053

Hello Joe K0BX, Gary W7TEA, Bill K0ZL, Dave W8NF and Paul K2BK,All,

Thanks for the answers. Those really helped. Joe, I found the web site some time ago and I even made a local copy of your page. The interface was simple, cheap and maybe fitting into the DIN Audio connector case (I need the metalic case for this). I will start trying keying the amplifier with the internal relay and then get rid of the relay noise in the rig.

Thanks again
Good Dxing.
vy 73's de EA4KT
Antonio

---

From: TS-850_450_690@yahoogroups.com
[mailto:TS-850_450_690@yahoogroups.com] On Behalf Of K0BX
Sent: Friday, December 09, 2005 03:22
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] TS850 interface to TL922

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except that I could see on the wattmeter the "Hot-Switching", that is, I

would get a RF spike out before the amp keyed and I would get a high SWR

for just an instance.

Also I did not like hearing the noise of the relay in the TS-850S.

So the answer was use the +12 volts on transmit from the assc. socket. Key a transistor that then keys the amp. Many circuits have been designed for this so I don't take credit but the one I used sure worked.

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Anyway a picture is worth a 1K words so give at look at:

http://www.qsl.net/k0bx/amp.html

Happy Keying.

Joe K0BX

THANKS FOR USING TS-850_450_690@...

SPONSORED LINKS
Ham radio
<http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio&w2=Craft+hob
by&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Rules+of+the+road&c=5&
s=103&.sig=PPLSmaoD6mG0E2wvLkuKsQ> Craft hobby
<http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Ham+radio&w2=Craft+h
obby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Rules+of+the+road&c=
5&s=103&.sig=h95vS4SIfFifpQqrrgvQuw> Hobby and craft supply
<http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Ham+radio
&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Rules+of+
the+road&c=5&s=103&.sig=ZjpEN-AJRpmcqo9bk75Mng>
Icom ham radio
<http://groups.yahoo.com/gads?t=ms&k=Icom+ham+radio&w1=Ham+radio&w2=Craf
t+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Rules+of+the+road
&c=5&s=103&.sig=gPXDE7g94dUyyuKQB-_WyQ> Rules of the road
<http://groups.yahoo.com/gads?t=ms&k=Rules+of+the+road&w1=Ham+radio&w2=C
raft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Rules+of+the+r
oad&c=5&s=103&.sig=DUjakUNWoUfgWDhNft--_Q>

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---

[Non-text portions of this message have been removed]

# 4054. Re: TS-450SAT Audio problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-10 13:30:27 UTC
From: scottpa1960
Topic: 4050  Message: 4054

Tom,

Did you ever figure out the problem? I haven't encountered this with my TS-450SAT before. While reading your post I was thinking "squelch" but apparently you already checked that.

73--Scott
KN3A

--- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@v...> wrote:
> 
> Hi All
> 
> My TS-450SAT has started weirding out here the past couple of days.
> 
> When I turn it on, it comes on for a few seconds then the audio goes off.
> If I disconnect the antenna and connect it back, the audio comes back on
> again for a few seconds. I can pull the coax plug out of the jack on the
> back and the audio comes back on. Touch the antenna to the jack and it
> comes back on again for a few seconds. Sounds just like a squelch coming on
> and off.
> 
> Sounds like a dirty relay contact or something. I took the top and bottom
> off and reset all the plugs and jacks on the circuit boards.
> 
> HELP!!
> 
> Tom W7WHY
> 

# 4055. Re: [TS-850_450_690] Re: TS-450SAT Audio problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-10 17:03:58 UTC
From: Tom Osborne
Topic: 4050  Message: 4055

Hi Scott
No, I hadn't checked the squelch. Nuff said :-) 73 and you made my day.

Tom W7WHY

> Tom,
>
> Did you ever figure out the problem? I haven't encountered this with
> my TS-450SAT before. While reading your post I was
> thinking "squelch" but apparently you already checked that.
>
> 73--Scott
> KN3A
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@v...>
> wrote:
>>
>> Hi All
>>
>> My TS-450SAT has started weirding out here the past couple of days.
>>
>> When I turn it on, it comes on for a few seconds then the audio
> goes off.
>> If I disconnect the antenna and connect it back, the audio comes
> back on
>> again for a few seconds. I can pull the coax plug out of the jack
> on the
>> back and the audio comes back on. Touch the antenna to the jack
> and it
>> comes back on again for a few seconds. Sounds just like a squelch
> coming on
>> and off.
>>
>> Sounds like a dirty relay contact or something. I took the top
> and bottom
>> off and reset all the plugs and jacks on the circuit boards.
>>
>> HELP!!
>>
>> Tom W7WHY
>>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 4056. TS-850 problem transmitting

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-11 18:03:51 UTC
From: wn9d
Topic: 4056  Message: 4056

My TS-850 is not transmitting. This is independent of mode (SSB, CW, FSK, Tune). The bargraph displays a few bars. I welcome any guidance and ideas.

Tnx
Randy WN9D

[Non-text portions of this message have been removed]

# 4057. Re: [TS-850_450_690] TS-850 problem transmitting

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-11 19:53:25 UTC
From: Bill K0ZL
Topic: 4056  Message: 4057

Replace D31, rf unit, it's an RLS-135. Most likely
leaking DC back onto the TX 8V line.

bill

--- wn9d <wn9d@...> wrote:

> My TS-850 is not transmitting. This is independent
> of mode (SSB, CW, FSK, Tune). The bargraph displays
> a few bars. I welcome any guidance and ideas.
>
> Tnx
> Randy WN9D
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 4058. Re: [TS-850_450_690] TS-850 problem transmitting

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-11 23:59:16 UTC
From: Anthony W. DePrato
Topic: 4056  Message: 4058

first check the carrier board caps for leakage. black stuff under the
little silver caps then the DDS chips. then the if board on the bottom for
leakage on the caps.
73 Tony wa4jqs

At 12:03 PM 12/11/2005 -0600, you wrote:
>My TS-850 is not transmitting. This is independent of mode (SSB, CW, FSK,
>Tune). The bargraph displays a few bars. I welcome any guidance and ideas.
>
>Tnx
>Randy WN9D
>
>[Non-text portions of this message have been removed]
>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>Yahoo! Groups Links
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>

# 4059. TS -850 CAP PROBLEMS

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-12 00:04:11 UTC
From: Anthony W. DePrato
Topic: 4059  Message: 4059

Someone was asking about the leakage problems that was common to all ts 850s. the caps on the carrier and if boards are prone to leak black junk and eat up both boards. this is a costly replacement if you have to have new boards.. I have 3 ts 850sat's and have one being recapped now by N8UX . he is also doing some of the better mods for me. I suggest that anyone who has an 850 open the top case carrier board is on the right side and the if board is on the bottom left side. check for leakage . i would also suggest you consider replacing all the small silver caps on both boards before they do start leaking . got this info from a tech rep for kenwood.
73 Tony wa4jqs

QBE ZUT DE WA4JQS SK
A1-OP FISTS # 10573
EXTRA - HEAVY

[Non-text portions of this message have been removed]

# 4060. Re: TS -850 CAP PROBLEMS

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-12 01:24:13 UTC
From: max_ve3tmt
Topic: 4059  Message: 4060

--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato"
<wa4jqs@m...> wrote:
>
> Someone was asking about the leakage problems that was common to all ts
> 850s. the caps on the carrier and if boards are prone to leak black
junk
> and eat up both boards. this is a costly replacement if you have to
have
> new boards.. I have 3 ts 850sat's and have one being recapped now by
N8UX .
> he is also doing some of the better mods for me. I suggest that
anyone who
> has an 850 open the top case carrier board is on the right side and
the if
> board is on the bottom left side. check for leakage . i would also
suggest
> you consider replacing all the small silver caps on both boards
before they
> do start leaking . got this info from a tech rep for kenwood.
> 73 Tony wa4jqs

Depending on whether the front of the radio is facing you or not. With the front of the radio facing you, the carrier board is on the left and the IF board is on the right.

Max

# 4061. Re: [TS-850_450_690] Re: TS -850 CAP PROBLEMS

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-12 01:32:21 UTC
From: Anthony W. DePrato WA4JQS
Topic: 4059  Message: 4061

correct.
73 Tony

# 4062. Gas discharge resistance

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-12 08:11:18 UTC
From: Dennis, Philippines low budget dxer
Topic: 4062  Message: 4062

Just a quick question :

How much resistance should I measure for a good gas discharge tube on
the TS450?

My problem is I don't have any power output on my recently repaired
TS450 (finally found the time to replace the DDS IC). Rx on any mode ok.

Dennis Ls. M. Cruz (DV7-BKO , formerly DV7-BJY)
the Philippines

# 4063. Re: [TS-850_450_690] Re: TS -850 CAP PROBLEMS

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-12 08:13:34 UTC
From: Ron Meiring
Topic: 4059  Message: 4063

On Mon, 12 Dec 2005 01:24:13 -0000, max_ve3tmt wrote:
>--- In TS-850_450_690@yahoogroups.com, "Anthony W. DePrato"
><wa4jqs@m...> wrote:
>>
>>Someone was asking about the leakage problems that was common to
>>all ts
>>850s. the caps on the carrier and if boards are prone to leak black
>junk
>>and eat up both boards. this is a costly replacement if you have to
>have
>>new boards.. I have 3 ts 850sat's and have one being recapped now
>>by
>N8UX .
>>he is also doing some of the better mods for me. I suggest that
>anyone who
>>has an 850 open the top case carrier board is on the right side
>>and
>the if
>>board is on the bottom left side. check for leakage . i would also
>suggest
>>you consider replacing all the small silver caps on both boards
>before they
>>do start leaking . got this info from a tech rep for kenwood.
>>73 Tony wa4jqs
>
>Depending on whether the front of the radio is facing you or not.
>With
>the front of the radio facing you, the carrier board is on the left
>and the IF board is on the right.
>
>Max
>

Depending if you got the radio upside down or just in normal position
.....

>
>
>
>
>THANKS FOR USING TS-850_450_690@...
>
>
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>
>

# 4064. Re: [TS-850_450_690] Gas discharge resistance

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-12 12:00:23 UTC
From: Bill K0ZL
Topic: 4062  Message: 4064

These are inspected visually. They read open all the time, good or bad, unless you have a 1kv source or higher, hi!

The internal element should be solid black; not brown, and there should be no visible lines around the middle of the element. Also the interior of the glass envelope should be clear, not smokey.

If in doubt, replace it.

For no TX, check the traces underneath that filter unit board, some may be fried from lightning.

Also you need to make up a jumper that will allow you to bypass the filter unit on these rigs; straight from the PA to the external meter to the dummy load. It will run without ALC but this will not harm it for very short times and will allow you to very quickly eliminate the filter unit, AT unit and TR relay as sources of trouble.

bill

--- "Dennis, Philippines low budget dxer" <dmcbohol@...> wrote:

> Just a quick question :
>
> How much resistance should I measure for a good gas
> discharge tube on
> the TS450?
>
> My problem is I don't have any power output on my
> recently repaired
> TS450 (finally found the time to replace the DDS
> IC). Rx on any mode ok.
>
> Dennis Ls. M. Cruz (DV7-BKO , formerly DV7-BJY)
> the Philippines
>
>
>
>
>

When in doubt, MODIFY...

# 4065. Re: [TS-850_450_690] Re: TS-450SAT Audio problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-12 17:51:03 UTC
From: Robert Crane
Topic: 4050  Message: 4065

Tom,
Checkout the help or tech sections of the NOV QST where a similar problem is reported.
Bob, W8SX

Tom Osborne <w7why@...> wrote:
Hi Scott
No, I hadn't checked the squelch. Nuff said :-) 73 and you made my day.

Tom W7WHY

> Tom,
>
> Did you ever figure out the problem? I haven't encountered this with
> my TS-450SAT before. While reading your post I was
> thinking "squelch" but apparently you already checked that.
>
> 73--Scott
> KN3A
>
> --- In TS-850_450_690@yahoogroups.com, "Tom Osborne" <w7why@v...>
> wrote:
>>
>> Hi All
>>
>> My TS-450SAT has started weirding out here the past couple of days.
>>
>> When I turn it on, it comes on for a few seconds then the audio
> goes off.
>> If I disconnect the antenna and connect it back, the audio comes
> back on
>> again for a few seconds. I can pull the coax plug out of the jack
> on the
>> back and the audio comes back on. Touch the antenna to the jack
> and it
>> comes back on again for a few seconds. Sounds just like a squelch
> coming on
>> and off.
>>
>> Sounds like a dirty relay contact or something. I took the top
> and bottom
>> off and reset all the plugs and jacks on the circuit boards.
>>
>> HELP!!
>>
>> Tom W7WHY
>>

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[Non-text portions of this message have been removed]

# 4066. Raspy Audio from my TS-850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-13 02:36:16 UTC
From: Bill Maddock
Topic: 4066  Message: 4066

Bottom line is I replace my CAR board in hopes of taking care of the problem, but it didn't work! It was still sending the UL message in CW and after it ran for a couple of minutes the reciever and transmitter actually worked. It got clear, for a couple of minutes and then the raspy audio returned - seems like I saw something on the TS-850S repair page about a capacitor that goes south and causes the raspy audio and UL id. I think it was on the PLL board - anyone else have this problem?

Now I have a spare CAR board and the problem is still there!

Thanks and 73,

Bill N4ZI

---

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[Non-text portions of this message have been removed]

# 4067. Re: Raspy Audio from my TS-850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-13 04:14:46 UTC
From: kb1kox
Topic: 4066  Message: 4067

If you've got a service manual ,check pg.98,item #8,that was the cause of the raspy audio on one of my rigs,(was low,around 3.5V) Just be real careful trimming TC1,there is a mod out on the web on replacing it, if you don't want to replace with stock part X58-3390-03,good luck, Neil

--- In TS-850_450_690@yahoogroups.com, Bill Maddock <n4zi96@y...> wrote:
>
> Bottom line is I replace my CAR board in hopes of taking care of the problem, but it
> didn't work! It was still sending the UL message in CW and after it ran for a couple
> of minutes the reciever and transmitter actually worked. It got clear, for a couple of
> minutes and then the raspy audio returned - seems like I saw something on the
> TS-850S repair page about a capacitor that goes south and causes the raspy audio
> and UL id. I think it was on the PLL board - anyone else have this problem?
>
> Now I have a spare CAR board and the problem is still there!
>
> Thanks and 73,
>
> Bill N4ZI
>
>
> ---------------------------------
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>
> [Non-text portions of this message have been removed]
>

# 4068. Kenwodd 850S CAR Board

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-13 11:48:20 UTC
From: Bill Smith
Topic: 4068  Message: 4068

What is a used but functional CAR board worth? I had
mine replaced when the display was repaired. It was
working when it was removed. I had purchased a new
one for a spare and decided I might as well be using
it. It has the part number 6631 DDS chips in it.

73,
Bill KO4NR

Bill Smith KO4NR

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# 4069. Re: [TS-850_450_690] Kenwodd 850S CAR Board

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-13 13:23:22 UTC
From: Bill Maddock
Topic: 4068  Message: 4069

Bill,

It would be worth more if it didn't have the older chips in it! - The one I pulled out of mine has the 66312 chips.

73,

Bill N4ZI

Bill Smith <ko4nrbs@...> wrote:
What is a used but functional CAR board worth? I had
mine replaced when the display was repaired. It was
working when it was removed. I had purchased a new
one for a spare and decided I might as well be using
it. It has the part number 6631 DDS chips in it.

73,
Bill KO4NR

Bill Smith KO4NR

---
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[Non-text portions of this message have been removed]

# 4070. kenwood ts 850 display is to brite

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-14 01:04:06 UTC
From: wp4mxz
Topic: 4070  Message: 4070

hi to all my kenwood is precenting a problem with the display and that is ,is to brite out of the normal and i will like to know is someone knows how to ajust the display for less dencity.thanks for the time .gb.mickey wp4mxz

# 4071. definitely off topic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-14 04:34:26 UTC
From: Gary ve3rin
Topic: 4071  Message: 4071

I realize that this is definitely off topic but....
I am trying to find out more on the Windom antenna for 160 meters as I think it would serve me better than the loop that I have.
My loop for 160m starts at a good height but the rest of the loop is limited to about 15 feet off the ground.
I can't seem to get accurate or specific info on the matching balun at the apex of the ant. or info on the line isolator.
The sites that I have visited have conflicting lengths for both sides of the dipole as well.
Would any one on the user group have any detailed info on the Windom so that I could build one for use here at my location in Ontario.
The main reason I wish to build my own ant is $$ as I am retired and still helping out the kids.
Thanking you in advance, and seasons greetings
73 de ve3rin Gary

[Non-text portions of this message have been removed]

# 4072. Re: [TS-850_450_690] definitely off topic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-14 14:38:05 UTC
From: Bill K0ZL
Topic: 4071  Message: 4072

A true "Windom" antenna is 1/2 wave long flattop, fed about 14 percent off-center with a single wire, against ground. Presents a moderate to hi-z at the shack, used with a tuner it's very effective but only if it's about 40-60 feet or more up.

The off-center fed dipoles are often called "windoms" but they are not. They are simply off center fed dipoles! It's a way of getting a dipole to work on all harmonics without worrying about matching. In this case, you would put up a half wave on 160, feed it (again) about 14 percent off-center (or, 1/3 of the antenna length to one side of the balun, and 2/3 on the other side) through a 4:1 or 6:1 balun at the feed point, then BIG coax to the tuner so you can make full-band excursions on 160 and 80 meters. Some rig internal tuners will cope with that also.

example:
I want to put up a 1/2 wave on 80 meters, offcenter fed dipole.

The whole antenna is 132 feet if I use 462/f(mhz), and put in 3.5 Mhz. It will also be resonant at 7.0, 14.0, 21.0 and 28.0 Mhz.

If I cut the antenna for 3.9Mhz, it will be resonant at 7.8, 15.6, 23.4 and 31.2 Mhz! so, for the OCF to work well on 10-80, you must cut it long and use the tuner.

So, I would cut your antenna for 1.8 or even 1.75 Mhz, and use the tuner as needed to get a match. I get 264 feet.

then position the 4:1 or 6:1 balun (4:1 is easier to find and will work fine) at the 1/3-2/3 point, in other words you would have the following leg lengths on the antenna:

.666 * 264 = 176 feet on one side
.333 * 264 = 88 feet on the other

Note, if you are much lower than about 70 feet, your antenna will "want" to be shorter, so don't solder your wires at your end insulators, and make them easy to drop for trimming.

Use a good quality RG-8 type coax as there will be
some SWR to deal with. If your internal rig tuner has
trouble finding a match, you can try inserting 10-15
feet of coax in the line, or use an external tuner.

Hope this helps.

go to the 60M group to see a drawing of the OCF dipole
that I use on that band; it will give you an idea of
what they look like.

Alpha Delta also sells the DX-LP 160-80-40 antenna;
it's a little pricy but has good reviews on eham. It's
the one I want to put up because it's shorter and will
fit my lot.

73,

bill K0ZL

--- Gary ve3rin <ve3rin@...> wrote:

> I realize that this is definitely off topic but....
> I am trying to find out more on the Windom antenna
> for 160 meters as I think it would serve me better
> than the loop that I have.
> My loop for 160m starts at a good height but the
> rest of the loop is limited to about 15 feet off the
> ground.
> I can't seem to get accurate or specific info on the
> matching balun at the apex of the ant. or info on
> the line isolator.
> The sites that I have visited have conflicting
> lengths for both sides of the dipole as well.
> Would any one on the user group have any detailed
> info on the Windom so that I could build one for use
> here at my location in Ontario.
> The main reason I wish to build my own ant is $$ as
> I am retired and still helping out the kids.
> Thanking you in advance, and seasons greetings
> 73 de ve3rin Gary
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 4073. Re: [TS-850_450_690] definitely off topic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-14 15:01:33 UTC
From: KD5SFA
Topic: 4071  Message: 4073

I have a windom based on the plans at www.packetradio.com using
a 4:1 balun. It is cut for 80m but with the tuner in my TS-850 I am
able to tune in 160m as well as everything up to 10m with no problem.

Mine is in the air as an inverted v with the apex at about 60'.
It is fed with about 120' of 9913.

I will probably change it to a dipole for 160m after I get my tribander
(10/15/20) and full size rotatable dipole for 40m up.

73,
Jon
KD5SFA

-----Original Message-----
From: Gary ve3rin <ve3rin@...>
Sent: Dec 13, 2005 10:34 PM
To: Kenwood user group <TS-850_450_690@yahoogroups.com>
Subject: [TS-850_450_690] definitely off topic

I realize that this is definitely off topic but....
I am trying to find out more on the Windom antenna for 160 meters as I think it would serve me better than the loop that I have.
My loop for 160m starts at a good height but the rest of the loop is limited to about 15 feet off the ground.
I can't seem to get accurate or specific info on the matching balun at the apex of the ant. or info on the line isolator.
The sites that I have visited have conflicting lengths for both sides of the dipole as well.
Would any one on the user group have any detailed info on the Windom so that I could build one for use here at my location in Ontario.
The main reason I wish to build my own ant is $$ as I am retired and still helping out the kids.
Thanking you in advance, and seasons greetings
73 de ve3rin Gary

[Non-text portions of this message have been removed]

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Yahoo! Groups Links

# 4074. definitely off topic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-14 21:21:20 UTC
From: Gary ve3rin
Topic: 4071  Message: 4074

Thank you all for the reply to my dilemma and yes I was informed about the www.packetradio.com site this morning on the local net. It really opened my eyes.

** Jon KD5SFA, I have trouble getting my email or posting atTS-850_450_690@yahoogroups.com Is there any way of finding out how again.

73, de ve3rin Gary

# 4075. Re: [TS-850_450_690] definitely off topic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-14 18:29:47 UTC
From: KD5SFA
Topic: 4071  Message: 4075

Gary,
That is hard to diagnose because of the numerous components
between you and the yahoo servers. It is likely a mail issue
between your ISP and Yahoo. I am not a mod in this group so
I cannot check to see if you are bouncing. But you can logon
to your yahoo id and go to your my groups page and click on
the "my email preferences" link on the right side and you'll see
a link to "show history" under bounce history. That will give you
a place to start.

Hope that helps....

73,
Jon
KD5SFA

-----Original Message-----
From: Gary ve3rin <ve3rin@...>
Sent: Dec 14, 2005 3:21 PM
To: Kenwood user group <TS-850_450_690@yahoogroups.com>
Subject: [TS-850_450_690] definitely off topic

Thank you all for the reply to my dilemma and yes I was informed about the
www.packetradio.com site this morning on the local net. It really opened my
eyes.

** Jon KD5SFA, I have trouble getting my email or posting
atTS-850_450_690@yahoogroups.com Is there any way of finding out how again.

73, de ve3rin Gary

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 4076. my mistake

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-15 01:06:39 UTC
From: Gary ve3rin
Topic: 4076  Message: 4076

Sorry all I was mistaken it was the Yaesu group that I was thinking of. My apologies
73 de Gary ve3rin

# 4077. Re: definitely off topic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-15 00:33:48 UTC
From: Dave
Topic: 4071  Message: 4077

Dumb question: what's a 6:1 balun? A 4:1 balun creates a 4:1 ratio between impedances. The impedance ratio of a transformer is the square of the turns ratio, therefore a 4:1 impedance transformer has a 2:1 turns ratio. Accordingly, a 6:1 impedance ratio transformer would have a 2.4449:1 turns ratio (square root of six). A turns ratio of 5:2 would be very close. Do companies (or hams) actually build these?

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
>
> A true "Windom" antenna is 1/2 wave long flattop, fed
> about 14 percent off-center with a single wire,
> against ground. Presents a moderate to hi-z at the
> shack, used with a tuner it's very effective but only
> if it's about 40-60 feet or more up.
>
> The off-center fed dipoles are often called "windoms"
> but they are not. They are simply off center fed
> dipoles! It's a way of getting a dipole to work on all
> harmonics without worrying about matching. In this
> case, you would put up a half wave on 160, feed it
> (again) about 14 percent off-center (or, 1/3 of the
> antenna length to one side of the balun, and 2/3 on
> the other side) through a 4:1 or 6:1 balun at the feed
> point, then BIG coax to the tuner so you can make
> full-band excursions on 160 and 80 meters. Some rig
> internal tuners will cope with that also.
>
> example:
> I want to put up a 1/2 wave on 80 meters, offcenter
> fed dipole.
>
> The whole antenna is 132 feet if I use 462/f(mhz), and
> put in 3.5 Mhz. It will also be resonant at 7.0, 14.0,
> 21.0 and 28.0 Mhz.
>
> If I cut the antenna for 3.9Mhz, it will be resonant
> at 7.8, 15.6, 23.4 and 31.2 Mhz! so, for the OCF to
> work well on 10-80, you must cut it long and use the
> tuner.
>
> So, I would cut your antenna for 1.8 or even 1.75 Mhz,
> and use the tuner as needed to get a match. I get 264
> feet.

>
> then position the 4:1 or 6:1 balun (4:1 is easier to
> find and will work fine) at the 1/3-2/3 point, in
> other words you would have the following leg lengths
> on the antenna:
>
> .666 * 264 = 176 feet on one side
> .333 * 264 = 88 feet on the other
>
> Note, if you are much lower than about 70 feet, your
> antenna will "want" to be shorter, so don't solder
> your wires at your end insulators, and make them easy
> to drop for trimming.
>
> Use a good quality RG-8 type coax as there will be
> some SWR to deal with. If your internal rig tuner has
> trouble finding a match, you can try inserting 10-15
> feet of coax in the line, or use an external tuner.
>
> Hope this helps.
>
> go to the 60M group to see a drawing of the OCF dipole
> that I use on that band; it will give you an idea of
> what they look like.
>
> Alpha Delta also sells the DX-LP 160-80-40 antenna;
> it's a little pricy but has good reviews on eham. It's
> the one I want to put up because it's shorter and will
> fit my lot.
>
>
> 73,
>
> bill K0ZL
>
>
>
> --- Gary ve3rin <ve3rin@r...> wrote:
>
> > I realize that this is definitely off topic but....
> > I am trying to find out more on the Windom antenna
> > for 160 meters as I think it would serve me better
> > than the loop that I have.
> > My loop for 160m starts at a good height but the
> > rest of the loop is limited to about 15 feet off the
> > ground.
> > I can't seem to get accurate or specific info on the
> > matching balun at the apex of the ant. or info on
> > the line isolator.
> > The sites that I have visited have conflicting

> > lengths for both sides of the dipole as well.
> > Would any one on the user group have any detailed
> > info on the Windom so that I could build one for use
> > here at my location in Ontario.
> > The main reason I wish to build my own ant is $$ as
> > I am retired and still helping out the kids.
> > Thanking you in advance, and seasons greetings
> > 73 de ve3rin Gary
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
>
>
>
> When in doubt, MODIFY...
>

# 4078. Re: [TS-850_450_690] definitely off topic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-15 01:44:59 UTC
From: Bill K0ZL
Topic: 4071  Message: 4078

How's come we hasn't worked on HF yet, Jon?

bill

--- KD5SFA <divenut1@...> wrote:

> I have a windom based on the plans at
> www.packetradio.com using
> a 4:1 balun. It is cut for 80m but with the tuner
> in my TS-850 I am
> able to tune in 160m as well as everything up to 10m
> with no problem.
>
> Mine is in the air as an inverted v with the apex at
> about 60'.
> It is fed with about 120' of 9913.
>
> I will probably change it to a dipole for 160m after
> I get my tribander
> (10/15/20) and full size rotatable dipole for 40m
> up.
>
> 73,
> Jon
> KD5SFA
>
> -----Original Message-----
> From: Gary ve3rin <ve3rin@...>
> Sent: Dec 13, 2005 10:34 PM
> To: Kenwood user group
> <TS-850_450_690@yahoogroups.com>
> Subject: [TS-850_450_690] definitely off topic
>
> I realize that this is definitely off topic but....
> I am trying to find out more on the Windom antenna
> for 160 meters as I think it would serve me better
> than the loop that I have.
> My loop for 160m starts at a good height but the
> rest of the loop is limited to about 15 feet off the
> ground.
> I can't seem to get accurate or specific info on the
> matching balun at the apex of the ant. or info on
> the line isolator.
> The sites that I have visited have conflicting
> lengths for both sides of the dipole as well.
> Would any one on the user group have any detailed

> info on the Windom so that I could build one for use
> here at my location in Ontario.
> The main reason I wish to build my own ant is $$ as
> I am retired and still helping out the kids.
> Thanking you in advance, and seasons greetings
> 73 de ve3rin Gary
>
> [Non-text portions of this message have been
> removed]
>
>
>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>

When in doubt, MODIFY...

# 4079. Re: [TS-850_450_690] definitely off topic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-15 02:38:11 UTC
From: KD5SFA
Topic: 4071  Message: 4079

Seems like you are down in the Extra portion of the bands and I'm only a general...a light general at that hi hi !!

-----Original Message-----
From: Bill K0ZL <coorsbill@...>
Sent: Dec 14, 2005 7:44 PM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] definitely off topic

How's come we hasn't worked on HF yet, Jon?

bill

--- KD5SFA <divenut1@...> wrote:

> I have a windom based on the plans at
> www.packetradio.com using
> a 4:1 balun. It is cut for 80m but with the tuner
> in my TS-850 I am
> able to tune in 160m as well as everything up to 10m
> with no problem.
>
> Mine is in the air as an inverted v with the apex at
> about 60'.
> It is fed with about 120' of 9913.
>
> I will probably change it to a dipole for 160m after
> I get my tribander
> (10/15/20) and full size rotatable dipole for 40m
> up.
>
> 73,
> Jon
> KD5SFA
>
> -----Original Message-----
> From: Gary ve3rin <ve3rin@...>
> Sent: Dec 13, 2005 10:34 PM
> To: Kenwood user group
> <TS-850_450_690@yahoogroups.com>
> Subject: [TS-850_450_690] definitely off topic
>
> I realize that this is definitely off topic but....
> I am trying to find out more on the Windom antenna
> for 160 meters as I think it would serve me better
> than the loop that I have.

> My loop for 160m starts at a good height but the
> rest of the loop is limited to about 15 feet off the
> ground.
> I can't seem to get accurate or specific info on the
> matching balun at the apex of the ant. or info on
> the line isolator.
> The sites that I have visited have conflicting
> lengths for both sides of the dipole as well.
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> info on the Windom so that I could build one for use
> here at my location in Ontario.
> The main reason I wish to build my own ant is $$ as
> I am retired and still helping out the kids.
> Thanking you in advance, and seasons greetings
> 73 de ve3rin Gary
>
> [Non-text portions of this message have been
> removed]
>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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When in doubt, MODIFY...

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 4080. Re: [TS-850_450_690] definitely off topic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-15 02:52:43 UTC
From: Bill K0ZL
Topic: 4071  Message: 4080

You are now.

b

--- KD5SFA <divenut1@...> wrote:

> ...I am not a mod in this
> group so
> I cannot check to see if you are bouncing. ,,,

When in doubt, MODIFY...

# 4081. Schematic Diagram voltage reading

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-15 09:08:46 UTC
From: Dennis Ls. M. Cruz
Topic: 4081  Message: 4081

Dec. 15, 2005

I have been studying the Schematic Diagram of the
Service Manual for the TS-450S in the hopes of
repairing my TS-450S (NO TX on any mode, RX very ok).

In the diagrams, I see two voltage readings indicated
at certain checkpoints, an upper one and the lower
value enclosed in parenthesis. What does the upper
value means and what does the value enclosed in
brackets/parenthesis means?

Thanks for the info

Dennis Ls. M. Cruz (DV7-BKO / ex DV7-BJY)
the Philippines

---
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

# 4082. Kenwood TS-450S NO Tx

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-15 09:22:00 UTC
From: Dennis, Philippines low budget dxer
Topic: 4082  Message: 4082

Dec. 15, 2005

Hi again !

Now I got another problem with my TS-450S! After fixing the No SSB RX (changed the DDS IC with the new YM66312). I found out that this radio has no TX at all - all band, all mode. The Power meter has no fluctuation, thought I can hear a faint Tx with a nearby Receiver.

Now where do I start troubleshooting? I have checked the coax drive cable from the RF unit to the Finals and it's ok. As a note, the previous owner had change the finals transistor with a 2SC2290 (original was 2SC2879) for whatever reasons. The Drive transistor is still the old 2SC2509.

Am I correct to assume that the problem is somewhere in the Final Unit Board most probably the Drive Transistor 2SC2509 or the Pre-Drive 2SC1971?

Any help, specially how to check for a bad transistor in and out of circuit would be greatly appreciated. I haven't been on air for over 2 years already due to defective radio.

Regards,

Dennis Ls. M. Cruz (DV7-BKO ex DV7-BJY)
the Philippines

# 4083. Re: [TS-850_450_690] Re: definitely off topic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-15 10:51:59 UTC
From: Paul
Topic: 4071  Message: 4083

Dave wrote:

> Dumb question: what's a 6:1 balun? A 4:1 balun creates a 4:1 ratio
> between impedances. The impedance ratio of a transformer is the
> square of the turns ratio, therefore a 4:1 impedance transformer has a
> 2:1 turns ratio. Accordingly, a 6:1 impedance ratio transformer would
> have a 2.4449:1 turns ratio (square root of six). A turns ratio of
> 5:2 would be very close. Do companies (or hams) actually build these?
>
> Dave W8NF
>

Yes.

Paul - K2BK

# 4084. Re: [TS-850_450_690] Re: definitely off topic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-15 16:07:19 UTC
From: Bill K0ZL
Topic: 4071  Message: 4084

Yes, you can get 6:1, from DX Engineering, and I think
Alpha Delta should have one as they use it on their
DX-LP antenna.

It matches 300 ohms to 50 ohms.

b

--- Dave <emailw8nf@...> wrote:

> Dumb question: what's a 6:1 balun? A 4:1 balun
> creates a 4:1 ratio
> between impedances. The impedance ratio of a
> transformer is the
> square of the turns ratio, therefore a 4:1 impedance
> transformer has a
> 2:1 turns ratio. Accordingly, a 6:1 impedance ratio
> transformer would
> have a 2.4449:1 turns ratio (square root of six). A
> turns ratio of
> 5:2 would be very close. Do companies (or hams)
> actually build these?
>
> Dave W8NF
>
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...> wrote:
> >
> > A true "Windom" antenna is 1/2 wave long flattop,
> fed
> > about 14 percent off-center with a single wire,
> > against ground. Presents a moderate to hi-z at the
> > shack, used with a tuner it's very effective but
> only
> > if it's about 40-60 feet or more up.
> >
> > The off-center fed dipoles are often called
> "windoms"
> > but they are not. They are simply off center fed
> > dipoles! It's a way of getting a dipole to work on
> all
> > harmonics without worrying about matching. In this
> > case, you would put up a half wave on 160, feed it
> > (again) about 14 percent off-center (or, 1/3 of
> the

> > antenna length to one side of the balun, and 2/3
> on
> > the other side) through a 4:1 or 6:1 balun at the
> feed
> > point, then BIG coax to the tuner so you can make
> > full-band excursions on 160 and 80 meters. Some
> rig
> > internal tuners will cope with that also.
> >
> > example:
> > I want to put up a 1/2 wave on 80 meters,
> offcenter
> > fed dipole.
> >
> > The whole antenna is 132 feet if I use 462/f(mhz),
> and
> > put in 3.5 Mhz. It will also be resonant at 7.0,
> 14.0,
> > 21.0 and 28.0 Mhz.
> >
> > If I cut the antenna for 3.9Mhz, it will be
> resonant
> > at 7.8, 15.6, 23.4 and 31.2 Mhz! so, for the OCF
> to
> > work well on 10-80, you must cut it long and use
> the
> > tuner.
> >
> > So, I would cut your antenna for 1.8 or even 1.75
> Mhz,
> > and use the tuner as needed to get a match. I get
> 264
> > feet.
> >
> > then position the 4:1 or 6:1 balun (4:1 is easier
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> > find and will work fine) at the 1/3-2/3 point, in
> > other words you would have the following leg
> lengths
> > on the antenna:
> >
> > .666 * 264 = 176 feet on one side
> > .333 * 264 = 88 feet on the other
> >
> > Note, if you are much lower than about 70 feet,
> your
> > antenna will "want" to be shorter, so don't solder
> > your wires at your end insulators, and make them
> easy
> > to drop for trimming.

> >
> > Use a good quality RG-8 type coax as there will be
> > some SWR to deal with. If your internal rig tuner
> has
> > trouble finding a match, you can try inserting
> 10-15
> > feet of coax in the line, or use an external
> tuner.
> >
> > Hope this helps.
> >
> > go to the 60M group to see a drawing of the OCF
> dipole
> > that I use on that band; it will give you an idea
> of
> > what they look like.
> >
> > Alpha Delta also sells the DX-LP 160-80-40
> antenna;
> > it's a little pricy but has good reviews on eham.
> It's
> > the one I want to put up because it's shorter and
> will
> > fit my lot.
> >
> >
> > 73,
> >
> > bill K0ZL
> >
> >
> >
> > --- Gary ve3rin <ve3rin@r...> wrote:
> >
> > > I realize that this is definitely off topic
> but....
> > > I am trying to find out more on the Windom
> antenna
> > > for 160 meters as I think it would serve me
> better
> > > than the loop that I have.
> > > My loop for 160m starts at a good height but the
> > > rest of the loop is limited to about 15 feet off
> the
> > > ground.
> > > I can't seem to get accurate or specific info on
> the
> > > matching balun at the apex of the ant. or info
> on
> > > the line isolator.

> > > The sites that I have visited have conflicting
> > > lengths for both sides of the dipole as well.
> > > Would any one on the user group have any
> detailed
> > > info on the Windom so that I could build one for
> use
> > > here at my location in Ontario.
> > > The main reason I wish to build my own ant is $$
> as
> > > I am retired and still helping out the kids.
> > > Thanking you in advance, and seasons greetings
> > > 73 de ve3rin Gary
> > >
> > > [Non-text portions of this message have been
> > > removed]
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> > When in doubt, MODIFY...
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When in doubt, MODIFY...

# 4085. Re: [TS-850_450_690] definitely off topic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-15 16:20:41 UTC
From: Bill K0ZL
Topic: 4071  Message: 4085

(whoops, rest of msg)

5330.5 USB, 14.060 CW, 3880-3885 AM, 7.040 CW, 29.600
FM

Them's all General, I think.

b

--- KD5SFA <divenut1@...> wrote:

> Seems like you are down in the Extra portion of the
> bands and I'm only a general...a light general at
> that hi hi !!
>
> -----Original Message-----
> From: Bill K0ZL <coorsbill@...>
> Sent: Dec 14, 2005 7:44 PM
> To: TS-850_450_690@yahoogroups.com
> Subject: Re: [TS-850_450_690] definitely off topic
>
> How's come we hasn't worked on HF yet, Jon?
>
> bill
>
> --- KD5SFA <divenut1@...> wrote:
>
> > I have a windom based on the plans at
> > www.packetradio.com using
> > a 4:1 balun. It is cut for 80m but with the tuner
> > in my TS-850 I am
> > able to tune in 160m as well as everything up to
> 10m
> > with no problem.
> >
> > Mine is in the air as an inverted v with the apex
> at
> > about 60'.
> > It is fed with about 120' of 9913.
> >
> > I will probably change it to a dipole for 160m
> after
> > I get my tribander
> > (10/15/20) and full size rotatable dipole for 40m
> > up.
> >

> > 73,
> > Jon
> > KD5SFA
> >
> > -----Original Message-----
> > From: Gary ve3rin <ve3rin@...>
> > Sent: Dec 13, 2005 10:34 PM
> > To: Kenwood user group
> > <TS-850_450_690@yahoogroups.com>
> > Subject: [TS-850_450_690] definitely off topic
> >
> > I realize that this is definitely off topic
> but....
> > I am trying to find out more on the Windom antenna
> > for 160 meters as I think it would serve me better
> > than the loop that I have.
> > My loop for 160m starts at a good height but the
> > rest of the loop is limited to about 15 feet off
> the
> > ground.
> > I can't seem to get accurate or specific info on
> the
> > matching balun at the apex of the ant. or info on
> > the line isolator.
> > The sites that I have visited have conflicting
> > lengths for both sides of the dipole as well.
> > Would any one on the user group have any detailed
> > info on the Windom so that I could build one for
> use
> > here at my location in Ontario.
> > The main reason I wish to build my own ant is $$
> as
> > I am retired and still helping out the kids.
> > Thanking you in advance, and seasons greetings
> > 73 de ve3rin Gary
> >
> > [Non-text portions of this message have been
> > removed]
> >
> >
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> >
> > THANKS FOR USING TS-850_450_690@...
> > Yahoo! Groups Links
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> When in doubt, MODIFY...
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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When in doubt, MODIFY...

# 4086. Re: [TS-850_450_690] Kenwood TS-450S NO Tx

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-15 16:26:17 UTC
From: Bill K0ZL
Topic: 4082  Message: 4086

The PA unit (predriver, drivers, finals) requires
about 700 mV peak to peak of RF to put out 100 watts,
Dennis.

Use a scope and look at the input to the PA, it should
be over 250 mV for sure in CW or FM mode.

bill

--- "Dennis, Philippines low budget dxer"
<dmcbohol@...> wrote:

> Dec. 15, 2005
>
> Hi again !
>
> Now I got another problem with my TS-450S! After
> fixing the No SSB RX
> (changed the DDS IC with the new YM66312). I found
> out that this
> radio has no TX at all - all band, all mode. The
> Power meter has no
> fluctuation, thought I can hear a faint Tx with a
> nearby Receiver.
>
> Now where do I start troubleshooting? I have checked
> the coax drive
> cable from the RF unit to the Finals and it's ok. As
> a note, the
> previous owner had change the finals transistor with
> a 2SC2290
> (original was 2SC2879) for whatever reasons. The
> Drive transistor is
> still the old 2SC2509.
>
> Am I correct to assume that the problem is somewhere
> in the Final
> Unit Board most probably the Drive Transistor
> 2SC2509 or the Pre-
> Drive 2SC1971?
>
> Any help, specially how to check for a bad
> transistor in and out of
> circuit would be greatly appreciated. I haven't been
> on air for over
> 2 years already due to defective radio.

>
> Regards,
>
> Dennis Ls. M. Cruz (DV7-BKO ex DV7-BJY)
> the Philippines
>
>
>
>
>

When in doubt, MODIFY...

# 4087. Re: [TS-850_450_690] Schematic Diagram voltage reading

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-15 16:24:47 UTC
From: Bill K0ZL
Topic: 4081  Message: 4087

Usually, the parenthesis indicates transmit mode
voltage.

Can you hear the 450 on another local receiver?

b

--- "Dennis Ls. M. Cruz" <dmcbohol@...> wrote:

> Dec. 15, 2005
>
> I have been studying the Schematic Diagram of the
> Service Manual for the TS-450S in the hopes of
> repairing my TS-450S (NO TX on any mode, RX very
> ok).
>
> In the diagrams, I see two voltage readings
> indicated
> at certain checkpoints, an upper one and the lower
> value enclosed in parenthesis. What does the upper
> value means and what does the value enclosed in
> brackets/parenthesis means?
>
> Thanks for the info
>
> Dennis Ls. M. Cruz (DV7-BKO / ex DV7-BJY)
> the Philippines
>
> _____
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# 4088. Re: Kenwood TS-450S NO Tx

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-16 03:17:35 UTC
From: Dennis, Philippines low budget dxer
Topic: 4082  Message: 4088

Hi Bill

I made some voltage check this morning on the Final Unit Board using the Service Manual schematic diagram. On the Emitter of the Pre Driver transistor 2SC1971 I get 0 volts on transmit (SEND) when it's suppose to be 0.97 volts. I think the culprit is the Pre Drive tranny. I hope so as this is currently available in my island while the cost of the Drive Transistor (2SC2509 or 2SC3133) is actually one weeks worth of my groceries !

Yes, I can hear the 450 on my receiver close to it. If I remove the Drive coax jumper from the RF Board to the Final Unit, then I cannot hear anything. No scope here Bill.

I have invited a TV Technician friend of mine to come over tomorrow to check the transistor out of circuit. I'll keep you guys posted on my progress.

Thanks for the assist.

Dennis DV7-BKO

# 4089. merry christmas

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-16 09:29:59 UTC
From: john
Topic: 4089  Message: 4089

73 john m0hem

# 4090. Re: merry christmas

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-16 15:51:35 UTC
From: max_ve3tmt
Topic: 4089  Message: 4090

--- In TS-850_450_690@yahoogroups.com, "john"
<m0hemjohnotoole2001@y...> wrote:
>
> 73 john m0hem
>

Same to you John, and to all the others in the group. Seasons
Greetings from my family to yours.

Max

# 4091. dsp

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-17 10:49:12 UTC
From: Eric
Topic: 4091  Message: 4091

Hi group,

I am wondering if anybody can shed some light on this inquiry. The optional dsp-100 for the TS-850, I understand that it is a hot and sought after item for the audiophile on hifi-ssb, widening out the audio and what not, but what else does this unit really do for the transceiver? There are switch settings and menu changes to perform before it shines on audio, but what are the other benefits if you are not into the audio thing?

73,
kr9w, Eric

# 4092. Re: [TS-850_450_690] dsp

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-17 14:56:56 UTC
From: Paul
Topic: 4091  Message: 4092

It also does shaping of the CW keying and

I think it will also improve the signals of digital sigs.

I have been watching them on eBay for a while and they generally go for $500-$575.

They have a reputation of running very hot (temperature wise), and being cranky.

It was a transitional bandaid device until KW could get the 870 out.

For that kind of money, if I thought dsp was important, I would sell what I had and get a TS-870.

Paul - K2BK

Eric wrote:

> Hi group,
>
> I am wondering if anybody can shed some light on this inquiry. The
> optional dsp-100 for the TS-850, I understand that it is a hot and
> sought after item for the audiophile on hifi-ssb, widening out the audio
> and what not, but what else does this unit really do for the
> transceiver? There are switch settings and menu changes to perform
> before it shines on audio, but what are the other benefits if you are
> not into the audio thing?
>
> 73,
> kr9w, Eric
>
>
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>
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>
>
>
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> ---------------------------------------------------------------------
>

# 4093. Re: [TS-850_450_690] Re: Raspy Audio from my TS-850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-17 18:36:54 UTC
From: Bill Maddock
Topic: 4066  Message: 4093

Neil,

Thanks for the tip! Thats pretty much what I found in my checkout on the rig, actually only had 0.39 volt on the TP2 pin - when touched it with a plastic screwdriver the receiver came alive. After moving the trimmer cap back and forth several times got the voltage set at 5.02 and everything is working fine now! It's been running for 4 hours now no problem - will have to wait and see if it comes back. The mod with the different capacitor will be an option if it comes back - the board is about $60.00

Thanks and 73,

Bill N4ZI

kb1kox <kb1kox@...> wrote:
If you've got a service manual ,check pg.98,item #8,that was the cause of the raspy audio on one of my rigs,(was low,around 3.5V) Just be real careful trimming TC1,there is a mod out on the web on replacing it, if you don't want to replace with stock part X58-3390-03,good luck, Neil

--- In TS-850_450_690@yahoogroups.com, Bill Maddock <n4zi96@y...> wrote:
> 
> Bottom line is I replace my CAR board in hopes of taking care of the problem, but it
> didn't work! It was still sending the UL message in CW and after it ran for a couple
> of minutes the reciever and transmitter actually worked. It got clear, for a couple of
> minutes and then the raspy audio returned - seems like I saw something on the
> TS-850S repair page about a capacitor that goes south and causes the raspy audio
> and UL id. I think it was on the PLL board - anyone else have this problem?
> 
> Now I have a spare CAR board and the problem is still there!
> 
> Thanks and 73,
> 
> Bill N4ZI
> 
> 
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# 4094. Re: [TS-850_450_690] Re: Kenwood TS-450S NO Tx

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-18 00:43:09 UTC
From: Bill K0ZL
Topic: 4082  Message: 4094

Dennis, that PA unit needs to see the TX8V signal, in order to "turn on" the predriver transistor. 0v on the emitter may only mean that the transistor is not turned on via the base bias voltage, which I think comes from the 8V transmit control line to the PA.

Check the base voltage on the predriver. If it is also 0v, the problem is the bias control, not the predriver.

The transistor my not be bad.

bill

--- "Dennis, Philippines low budget dxer" <dmcbohol@...> wrote:

> Hi Bill
>
> I made some voltage check this morning on the Final
> Unit Board using
> the Service Manual schematic diagram. On the Emitter
> of the Pre
> Driver transistor 2SC1971 I get 0 volts on transmit
> (SEND) when it's
> suppose to be 0.97 volts. I think the culprit is the
> Pre Drive
> tranny. I hope so as this is currently available in
> my island while
> the cost of the Drive Transistor (2SC2509 or
> 2SC3133) is actually one
> weeks worth of my groceries !
>
> Yes, I can hear the 450 on my receiver close to it.
> If I remove the
> Drive coax jumper from the RF Board to the Final
> Unit, then I cannot
> hear anything. No scope here Bill.
>
> I have invited a TV Technician friend of mine to
> come over tomorrow
> to check the transistor out of circuit. I'll keep
> you guys posted on
> my progress.
>
> Thanks for the assist.

>
> Dennis DV7-BKO
>
>
>
>
>

When in doubt, MODIFY...

# 4095. TS-850 repairs

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-18 07:29:46 UTC
From: wn9d
Topic: 4095  Message: 4095

I'm looking for a fellow amateur to help troubleshoot my rig.

Thanks, Randy WN9D

[Non-text portions of this message have been removed]

# 4096. ts-850 intermittent full scale reading on alc in transmit

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-18 05:54:11 UTC
From: setnetter99647
Topic: 4096  Message: 4096

On ssb transmit occasionally the alc scale pegs out for a second or so, my signal report goes to weak but readable then everything returns to normal after a second or so of keeping the mic keyed. It is very random, sometimes one or two times per transmission other times not at all.
Wondering if it might be a simple fix or time to send it to the doctor?

# 4097. Re: [TS-850_450_690] TS-850 repairs

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-18 16:23:12 UTC
From: Bill Maddock
Topic: 4095  Message: 4097

Randy,

Well you definitely joined the right group - K0ZL and several others on here are excellent techs - Also do a search on the TS-850S repair page - it has lots of available information for most of the 850s typical problems. What kind of problem are you having? Just list it here to the group!

73 and Merry Christmas,

Bill N4ZI

wn9d <wn9d@...> wrote:
I'm looking for a fellow amateur to help troubleshoot my rig.

Thanks, Randy WN9D

[Non-text portions of this message have been removed]

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# 4098. TS-850 not transmitting

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-18 22:51:07 UTC
From: wn9d
Topic: 4098  Message: 4098

Hello all,

I opened up rig and inspected filter unit X51-3100-00. I discovered that on and adjacent board B/3 (where K15 is located), that diode D16 is not conducting. It has a cloudy appearance inside the glass envelope. I have never inspected this before, so I can't confirm how long this condition has existed.

As an aside note, diode D17 is not in series with D18. This is contrary to the schematic diagram, which shows both D17 and D18 in series..

Can anyone suggest the part number of D16 or a comparable replacement?

Thanks and '73,
Randy WN9D

which open the

[Non-text portions of this message have been removed]

# 4099. Re: TS-850 not transmitting

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-18 23:56:32 UTC
From: max_ve3tmt
Topic: 4098  Message: 4099

--- In TS-850_450_690@yahoogroups.com, "wn9d" <wn9d@m...> wrote:

> Can anyone suggest the part number of D16 or a comparable replacement?
>
> Thanks and '73,
> Randy WN9D

Randy,

According to the service manual, D16 is an DSA301LA, D17 is a V08(G)
and D18 is a RLS245.

Max

# 4100. ALC repair

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-19 00:55:18 UTC
From: sailfree4me@netscape.net
Topic: 4100  Message: 4100

Per the discussion a few weeks ago, I undertook the ALC repair on my 850.

I unscrewed the small "rf board" front left top-side. I tipped it up on the left end with the DC-DC conterter component side facing up. I paralleled the two indicated resistors with 100k 1/8 watt resistors. This really stretched my eye sight. I was definitely working under a magnifying glass.

When I had the board screwed back down and before buttoning it up, I gave it a try. All was well. No more oscillation of the ALC and output power is noted in transmit.

Good luck to all who give it a try. Thanks to Bill and others for the troubleshooting that made my job easy!

73, John - W4BA

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# 4101. Re: [TS-850_450_690] ts-850 intermittent full scale reading on alc in transmit

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-19 03:51:40 UTC
From: Bill K0ZL
Topic: 4096  Message: 4101

r2 and r3 on the DC-DC converter unit need to be
changed from 22k to 10-18 k. this will help the
multivibrator keep running steady during key-down.
Common problem.

b

--- setnetter99647 <setnetter99647@...> wrote:

> On ssb transmit occasionally the alc scale pegs out
> for a second or
> so, my signal report goes to weak but readable then
> everything returns
> to normal after a second or so of keeping the mic
> keyed. It is very
> random, sometimes one or two times per transmission
> other times not at
> all.
> Wondering if it might be a simple fix or time to
> send it to the doctor?
>
>
>
>
>
>
>
>

When in doubt, MODIFY...

# 4102. Re: [TS-850_450_690] TS-850 not transmitting

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-19 04:03:21 UTC
From: Bill K0ZL
Topic: 4098  Message: 4102

This is a spark arrestor tube and should show open
circuit at all times. It should not be cloudy however.

Kenwood part number is DSA301LA;

I order them from Icom, p/n 7540000010

Icom same exact part, and quite a bit less expensive;
and no minimum.

73!

Bill

--- wn9d <wn9d@...> wrote:

> Hello all,
>
> I opened up rig and inspected filter unit
> X51-3100-00. I discovered that on and adjacent
> board B/3 (where K15 is located), that diode D16 is
> not conducting. It has a cloudy appearance inside
> the glass envelope. I have never inspected this
> before, so I can't confirm how long this condition
> has existed.
>
> As an aside note, diode D17 is not in series with
> D18. This is contrary to the schematic diagram,
> which shows both D17 and D18 in series..
>
> Can anyone suggest the part number of D16 or a
> comparable replacement?
>
> Thanks and '73,
> Randy WN9D
>
>
> which open the
>
> [Non-text portions of this message have been
> removed]
>
>

When in doubt, MODIFY...

# 4103. Re: [TS-850_450_690] ALC repair

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-19 04:05:10 UTC
From: Bill K0ZL
Topic: 4100  Message: 4103

Good, John!

I have gone as low as 10K on these resistors (smd type), so you could parallel each 22K resistor with two more 22K resistors and come up with 11k, or you could use 27K also.

It's not critical, as long as it's less than 22k total! hi

b

--- sailfree4me@... wrote:

> Per the discussion a few weeks ago, I undertook the
> ALC repair on my 850.
>
> I unscrewed the small "rf board" front left
> top-side. I tipped it up on the left end with the
> DC-DC conterter component side facing up. I
> paralleled the two indicated resistors with 100k 1/8
> watt resistors. This really stretched my eye sight.
> I was definitely working under a magnifying glass.
>
> When I had the board screwed back down and before
> buttoning it up, I gave it a try. All was well. No
> more oscillation of the ALC and output power is
> noted in transmit.
>
> Good luck to all who give it a try. Thanks to Bill
> and others for the troubleshooting that made my job
> easy!
>
> 73, John - W4BA
>
>

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When in doubt, MODIFY...

# 4104. Re: ts-850 intermittent full scale reading on alc in transmit

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-19 11:47:37 UTC
From: max_ve3tmt
Topic: 4096  Message: 4104

--- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...> wrote:
>
> r2 and r3 on the DC-DC converter unit need to be
> changed from 22k to 10-18 k. this will help the
> multivibrator keep running steady during key-down.
> Common problem.

Bill,

I haven't noticed any wild swings in output as other have noted,
however I do notice on PSK during a transmission my ouput will go
anywhere from 25-40 watts and flucuate. Think this is the same
problem? It's not a big deal but I would like to stabilize it.

Max

# 4105. Re: [TS-850_450_690] Re: ts-850 intermittent full scale reading on alc in transmit

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-19 13:34:53 UTC
From: Bill K0ZL
Topic: 4096  Message: 4105

Yep, same problem, same fix.

I wish I had all the "bad" DC-DC converter boards I
have changed out, prior to finding this little gem of
a mod!

bill

--- max_ve3tmt <max_ve3tmt@...> wrote:

> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL
> <coorsbill@y...> wrote:
> >
> > r2 and r3 on the DC-DC converter unit need to be
> > changed from 22k to 10-18 k. this will help the
> > multivibrator keep running steady during key-down.
> > Common problem.
>
> Bill,
>
> I haven't noticed any wild swings in output as other
> have noted,
> however I do notice on PSK during a transmission my
> ouput will go
> anywhere from 25-40 watts and flucuate. Think this
> is the same
> problem? It's not a big deal but I would like to
> stabilize it.
>
> Max
>
>
>
>

When in doubt, MODIFY...

# 4106. Re: ts-850 intermittent full scale reading on alc in transmit

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-19 14:34:52 UTC
From: Richard Ferch
Topic: 4096  Message: 4106

NO! - in PSK31/PSK63 your output power is *supposed* to fluctuate.
If it does not, your signal is "flat-topping" and generating
splatter. PSK is rather like SSB in that respect, only more so - PSK
is intolerant to even small levels of gain compression, which cause
visible signs of IMD (wide traces) on the other station's waterfall.

The easiest way to see whether your rig has the ALC fluctuation is
to put it in a constant-carrier mode like FSK, FM or AM and press
the "Send" button with no modulation - the radio will transmit a
steady carrier, which should have a perfectly constant power level.
If the power level suddenly dips every so often accompanied by a
rise in ALC voltage, and then recovers, you have the ALC fluctuation
problem.

73,
Rich VE3IAY

--- In TS-850_450_690@yahoogroups.com, "max_ve3tmt"
<max_ve3tmt@y...> wrote:
>
> --- In TS-850_450_690@yahoogroups.com, Bill K0ZL <coorsbill@y...>
wrote:
> >
> > r2 and r3 on the DC-DC converter unit need to be
> > changed from 22k to 10-18 k. this will help the
> > multivibrator keep running steady during key-down.
> > Common problem.
>
> Bill,
>
> I haven't noticed any wild swings in output as other have noted,
> however I do notice on PSK during a transmission my ouput will go
> anywhere from 25-40 watts and flucuate. Think this is the same
> problem? It's not a big deal but I would like to stabilize it.
>
> Max
>

# 4107. Re: Raspy Audio from my TS-850S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-19 14:52:27 UTC
From: kb1kox
Topic: 4066  Message: 4107

Glad to help,Bill,can't take any credit for that though,Its becuase
of people like Bill,K0ZL,who put this info and repair help on the web
that I was able to run across this;
Keep an eye on the raspy audio,trimming the exsisting pot only lasted
a couple of weeks,I had to replace mine,been fine ever since,While I
had the rig opened up,replaced the battery as well
73, Neil, KB1KOX

--- In TS-850_450_690@yahoogroups.com, Bill Maddock <n4zi96@y...>
wrote:
>
> Neil,
>
> Thanks for the tip! Thats pretty much what I found in my
checkout on the rig,
> actually only had 0.39 volt on the TP2 pin - when touched it with
a plastic screwdriver
> the receiver came alive. After moving the trimmer cap back and
forth several times
> got the voltage set at 5.02 and everything is working fine now!
It's been running for
> 4 hours now no problem - will have to wait and see if it comes
back. The mod
> with the different capacitor will be an option if it comes back -
the board is about
> $60.00
>
> Thanks and 73,
>
> Bill N4ZI
>
> kb1kox <kb1kox@y...> wrote:
> If you've got a service manual ,check pg.98,item #8,that was the
> cause of the raspy audio on one of my rigs,(was low,around 3.5V)
> Just be real careful trimming TC1,there is a mod out on the web on
> replacing it, if you don't want to replace with stock part X58-3390-
> 03,good luck, Neil
>
>
>
>
> --- In TS-850_450_690@yahoogroups.com, Bill Maddock <n4zi96@y...>
> wrote:
> >
> > Bottom line is I replace my CAR board in hopes of taking care of

> the problem, but it
> > didn't work! It was still sending the UL message in CW and
after
> it ran for a couple
> > of minutes the reciever and transmitter actually worked. It got
> clear, for a couple of
> > minutes and then the raspy audio returned - seems like I saw
> something on the
> > TS-850S repair page about a capacitor that goes south and
causes
> the raspy audio
> > and UL id. I think it was on the PLL board - anyone else have
> this problem?
> >
> > Now I have a spare CAR board and the problem is still there!
> >
> > Thanks and 73,
> >
> > Bill N4ZI
> >
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> Tired of spam? Yahoo! Mail has the best spam protection around
> http://mail.yahoo.com
>
> [Non-text portions of this message have been removed]
>

# 4108. Display question...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-19 19:13:38 UTC
From: cbbatey1
Topic: 4108  Message: 4108

</LURK>

I'm fairly new to HF, so I haven't had much to add. I've been soaking the group up like a sponge!

Here's my question. The display on my TS-850SAT is slow in coming on after the rig has been powered down for a few days. Once it comes on, function is 100%. Subsequent power cycles bring the display on immediately.

Anybody seen this before? Should I be preparing for a fix?

Thanks,

brianb
ke5bsa

# 4109. Re: [TS-850_450_690] Display question...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-19 19:26:39 UTC
From: Lane Giard
Topic: 4108  Message: 4109

What is slow??

----- Original Message -----
From: "cbbatey1" <brianbatey@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, December 19, 2005 11:13 AM
Subject: [TS-850_450_690] Display question...

> </LURK>
>
> I'm fairly new to HF, so I haven't had much to add. I've been soaking
> the group up like a sponge!
>
> Here's my question. The display on my TS-850SAT is slow in coming on
> after the rig has been powered down for a few days. Once it comes on,
> function is 100%. Subsequent power cycles bring the display on
> immediately.
>
> Anybody seen this before? Should I be preparing for a fix?
>
> Thanks,
>
> brianb
> ke5bsa
>
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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>

# 4110. Re: Re: [TS-850_450_690] Display question...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-19 19:40:44 UTC
From: C. Brian Batey
Topic: 4108  Message: 4110

30 seconds - 1 minute

brianb

"Condemn no man for not thinking as you think: Let everyone enjoy the full and free liberty of thinking for himself: Let every man use his own judgment, since every man must give an account of himself to God. Abhor every approach, in any kind or degree, to the spirit of persecution." -- John Wesley

[Non-text portions of this message have been removed]

# 4111. Re: [TS-850_450_690] Display question...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-19 20:04:54 UTC
From: John Kramer
Topic: 4108  Message: 4111

That is quite normal Brian, mine does the same.

73
John ZS5J
----- Original Message -----
From: cbbatey1
To: TS-850_450_690@yahoogroups.com
Sent: Monday, December 19, 2005 9:13 PM
Subject: [TS-850_450_690] Display question...

</LURK>

I'm fairly new to HF, so I haven't had much to add. I've been soaking
the group up like a sponge!

Here's my question. The display on my TS-850SAT is slow in coming on
after the rig has been powered down for a few days. Once it comes on,
function is 100%. Subsequent power cycles bring the display on
immediately.

Anybody seen this before? Should I be preparing for a fix?

Thanks,

brianb
ke5bsa

THANKS FOR USING TS-850_450_690@...

---
YAHOO! GROUPS LINKS

a.. Visit your group "TS-850_450_690" on the web.

b.. To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

c.. Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

---

Internal Virus Database is out-of-date.
Checked by AVG Free Edition.
Version: 7.1.362 / Virus Database: 267.13.11/191 - Release Date: 2005/12/02

[Non-text portions of this message have been removed]

# 4112. Re: [TS-850_450_690] Display question...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-19 20:25:16 UTC
From: Bill K0ZL
Topic: 4108  Message: 4112

This is normal.

If the display goes clear out, C18 is bad.

b

--- cbbatey1 <brianbatey@...> wrote:

> </LURK>
>
> I'm fairly new to HF, so I haven't had much to add.
> I've been soaking
> the group up like a sponge!
>
> Here's my question. The display on my TS-850SAT is
> slow in coming on
> after the rig has been powered down for a few days.
> Once it comes on,
> function is 100%. Subsequent power cycles bring the
> display on
> immediately.
>
> Anybody seen this before? Should I be preparing for
> a fix?
>
> Thanks,
>
> brianb
> ke5bsa
>
>
>
>
>

When in doubt, MODIFY...

# 4113. Re: [TS-850_450_690] Display question...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-19 22:11:48 UTC
From: Bob Snelgrove
Topic: 4108  Message: 4113

Mine does that too.

bob

----- Original Message -----
From: cbbatey1
To: TS-850_450_690@yahoogroups.com
Sent: Monday, December 19, 2005 11:13 AM
Subject: [TS-850_450_690] Display question...

</LURK>

I'm fairly new to HF, so I haven't had much to add. I've been soaking the group up like a sponge!

Here's my question. The display on my TS-850SAT is slow in coming on after the rig has been powered down for a few days. Once it comes on, function is 100%. Subsequent power cycles bring the display on immediately.

Anybody seen this before? Should I be preparing for a fix?

Thanks,

brianb
ke5bsa

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

[Non-text portions of this message have been removed]

# 4114. Re: [TS-850_450_690] Display question...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-19 22:30:36 UTC
From: Paul
Topic: 4108  Message: 4114

So does mine...

Paul - K2BK

Bob Snelgrove wrote:

> Mine does that too.
>
>
> bob
>
>
> ----- Original Message -----
> From: cbbatey1
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, December 19, 2005 11:13 AM
> Subject: [TS-850_450_690] Display question...
>
>
> </LURK>
>
> I'm fairly new to HF, so I haven't had much to add. I've been soaking
> the group up like a sponge!
>
> Here's my question. The display on my TS-850SAT is slow in coming on
> after the rig has been powered down for a few days. Once it comes on,
> function is 100%. Subsequent power cycles bring the display on
> immediately.
>
> Anybody seen this before? Should I be preparing for a fix?
>
> Thanks,
>
> brianb
> ke5bsa
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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> [Non-text portions of this message have been removed]
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> THANKS FOR USING TS-850_450_690@...
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>
> SPONSORED LINKS
> Ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Ham+radio&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Rules+of+the+road&c=5&s=103&.sig=PPLSmaoD6mG0E2wvLkuKsQ>
> Craft hobby
> <http://groups.yahoo.com/gads?t=ms&k=Craft+hobby&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Rules+of+the+road&c=5&s=103&.sig=h95vS4SIfFifpQqrrgvQuw>
> Hobby and craft supply
> <http://groups.yahoo.com/gads?t=ms&k=Hobby+and+craft+supply&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Rules+of+the+road&c=5&s=103&.sig=ZjpEN-AJRpmcqo9bk75Mng>
>
> Icom ham radio
> <http://groups.yahoo.com/gads?t=ms&k=Icom+ham+radio&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Rules+of+the+road&c=5&s=103&.sig=gPXDE7g94dUyyuKQB-_WyQ>
> Rules of the road
> <http://groups.yahoo.com/gads?t=ms&k=Rules+of+the+road&w1=Ham+radio&w2=Craft+hobby&w3=Hobby+and+craft+supply&w4=Icom+ham+radio&w5=Rules+of+the+road&c=5&s=103&.sig=DUjakUNWoUfgWDhNft--_Q>
>
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> ------------------------------------------------------------------------
> YAHOO! GROUPS LINKS
>
> * Visit your group "TS-850_450_690
> <http://groups.yahoo.com/group/TS-850_450_690>" on the web.
>
> * To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com
> <mailto:TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> * Your use of Yahoo! Groups is subject to the Yahoo! Terms of

> Service <http://docs.yahoo.com/info/terms/>.
>
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> ---------------------------------------------------------------------
>

# 4115. TS-450S-AT CN4

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-20 00:24:26 UTC
From: ni0l2000
Topic: 4115  Message: 4115

Has anyone else had trouble with above mentioned radio on the Digital board? I am ready to rip the whole connector from the board.
All the solder joints look good,but that means nothing. Broken wires within the connector ? Anyone had solder joint issues with this unit?
I had the radio playing this afternoon like a songbird. Just as suddenly it quit.
Ron
NI0L

# 4116. Re: [TS-850_450_690] Display question...

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-20 03:46:08 UTC
From: Bill K0ZL
Topic: 4108  Message: 4116

Bob, you gotta start opening your eyes after you turn
on your rig.

b

--- Bob Snelgrove <bob@...> wrote:

> Mine does that too.
>
>
> bob
>
>
> ----- Original Message -----
> From: cbbatey1
> To: TS-850_450_690@yahoogroups.com
> Sent: Monday, December 19, 2005 11:13 AM
> Subject: [TS-850_450_690] Display question...
>
>
> </LURK>
>
> I'm fairly new to HF, so I haven't had much to
> add. I've been soaking
> the group up like a sponge!
>
> Here's my question. The display on my TS-850SAT
> is slow in coming on
> after the rig has been powered down for a few
> days. Once it comes on,
> function is 100%. Subsequent power cycles bring
> the display on
> immediately.
>
> Anybody seen this before? Should I be preparing
> for a fix?
>
> Thanks,
>
> brianb
> ke5bsa
>
>
>
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>

>
>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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> [Non-text portions of this message have been
> removed]
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>

When in doubt, MODIFY...

# 4117. Re: [TS-850_450_690] TS-450S-AT CN4

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-20 03:51:15 UTC
From: Bill K0ZL
Topic: 4115  Message: 4117

could be bad DDS chip, goes out with temp?

b

--- ni0l2000 <ni0l@...> wrote:

> Has anyone else had trouble with above mentioned
> radio on the Digital
> board? I am ready to rip the whole connector from
> the board.
> All the solder joints look good,but that means
> nothing. Broken wires
> within the connector ? Anyone had solder joint
> issues with this unit?
> I had the radio playing this afternoon like a
> songbird. Just as
> suddenly it quit.
> Ron
> NI0L
>
>
>
>

When in doubt, MODIFY...

# 4118. Kenwood MC-60 desk mic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-21 05:17:57 UTC
From: lichfish
Topic: 4118  Message: 4118

I recently bought a used MC-60 microphone that that
I use on a TS-850. It works fine except it doesn't
adjust the frequency when I push the "up" and "down"
buttons on the mic. The manual for the 850 indicates
that pins 3 & 4 are used for this function but they are
hooked up in the plug from mic. The cable from the mic looks
stock. I am wondering if anyone can explain how to wire
the "up" and "down" buttons? Thanks and Merry Christmas to all.

# 4119. Re: [TS-850_450_690] Kenwood MC-60 desk mic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-21 13:07:19 UTC
From: Bill Maddock
Topic: 4118  Message: 4119

Does your factory hand mic up and down keys work? If it doesn't I would
say its in the radio. I would check this out first!

lichfish <jsecl@...> wrote:
I recently bought a used MC-60 microphone that that
I use on a TS-850. It works fine except it doesn't
adjust the frequency when I push the "up" and "down"
buttons on the mic. The manual for the 850 indicates
that pins 3 & 4 are used for this function but they are
hooked up in the plug from mic. The cable from the mic looks
stock. I am wondering if anyone can explain how to wire
the "up" and "down" buttons? Thanks and Merry Christmas to all.

THANKS FOR USING TS-850_450_690@...

---
YAHOO! GROUPS LINKS

Visit your group "TS-850_450_690" on the web.

To unsubscribe from this group, send an email to:
TS-850_450_690-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

---

_____
Do You Yahoo!?
Tired of spam? Yahoo! Mail has the best spam protection around
http://mail.yahoo.com

[Non-text portions of this message have been removed]

# 4120. Re: [TS-850_450_690] Kenwood MC-60 desk mic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-21 14:35:26 UTC
From: ve3wej
Topic: 4118  Message: 4120

frequency may only change when in vfo mode.......

check on another kenwood if you can.

----- Original Message -----
From: "lichfish" <jsecl@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Wednesday, December 21, 2005 12:17 AM
Subject: [TS-850_450_690] Kenwood MC-60 desk mic

> I recently bought a used MC-60 microphone that that
> I use on a TS-850. It works fine except it doesn't
> adjust the frequency when I push the "up" and "down"
> buttons on the mic. The manual for the 850 indicates
> that pins 3 & 4 are used for this function but they are
> hooked up in the plug from mic. The cable from the mic looks
> stock. I am wondering if anyone can explain how to wire
> the "up" and "down" buttons? Thanks and Merry Christmas to all.
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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> --
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.371 / Virus Database: 267.14.1/207 - Release Date: 19/12/2005
>
>

# 4121. Re: [TS-850_450_690] Kenwood MC-60 desk mic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-21 14:58:32 UTC
From: Mark Saunders, KJ7BS
Topic: 4118  Message: 4121

The up/down buttons on my new MC-60 causes my TS-850S to beep each time they are presses, but it requires two or three presses to change the display. Check the tuning step size in the setup menu.

Mark Saunders, KJ7BS
Glendale, AZ

==========

From: "lichfish" <jsecl@...>
Date: 2005/12/21 Wed AM 12:17:57 EST
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Kenwood MC-60 desk mic

I recently bought a used MC-60 microphone that that
I use on a TS-850. It works fine except it doesn't
adjust the frequency when I push the "up" and "down"
buttons on the mic. The manual for the 850 indicates
that pins 3 & 4 are used for this function but they are
hooked up in the plug from mic. The cable from the mic looks
stock. I am wondering if anyone can explain how to wire
the "up" and "down" buttons? Thanks and Merry Christmas to all.

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

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# 4122. HPNW

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-21 22:01:06 UTC
From: Jozef Ficza
Topic: 4122  Message: 4122

TO EVERYBODY
WISHING YOU A MERY CHRISTMAS AND HAPPY NEW YEAR
YU7AA Jozef

# 4123. Re: Kenwood TS-450S NO Tx

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-22 06:19:05 UTC
From: Dennis, Philippines low budget dxer
Topic: 4082  Message: 4123

Dec 22, 2005

Sorry for not getting back right away. We had our own share of power failure here in my island (due to preventive maintenance though).

The TV Tech that was suppose to check the transistor cancelled his visit due to rainstrorm we're experiencing. Anyway I checked the diagram again. From what you've suggested I checked the base voltage of the predriver and I get the correct 13.7v (tied to the supply line). Anyway I'll keep you posted what the tech would find out once we yank the transistor out of circuit.

Holiday Greetings to all members of this gerat group!

regards,

Dennis DV7-BKO

# 4124. Mods at the Final Unit (PA) Board for TS-450S

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-22 06:20:29 UTC
From: Dennis, Philippines low budget dxer
Topic: 4124  Message: 4124

Dec 22, 2005

Hi again,

Thought I'd asked what other things should I do while I'm working on
the Final Unit Board of the TS-450S. Specifically is there any mods
or parts to change in this area of the radio?

I plan to change the following :

C31 & C32 (1,000uf 16v) to 2,200uf 25v (any comments why I should NOT
increase the value to 2,200uf would really be greatly appreciated;
the increase to 25v is for long term reliability)

C24 & C47 (100uf 10v) to 50v
C28, C38, C42, C51 (47uf 10v) to 50v
and various other ceramic capacitors rated 16v with 50v type.

Any other things to change for added long term reliability?

Comments appreciated

Dennis DV7-BKO
the Philippines

# 4125. M-60 mic

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-23 03:47:03 UTC
From: lichfish
Topic: 4125  Message: 4125

Thanks for all the suggestions. I got to looking at the
schematic in the files section of this site and figured
out I had the two mic cables connected backwards. Thanks again
and Merry Christmas to the group.

# 4126. Seasons Greetings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-23 15:18:36 UTC
From: Frank Heffner
Topic: 4126  Message: 4126

Merry Christmas and a Happy New Year.

Best regards, Frank

---

Yahoo! Shopping
Find Great Deals on Holiday Gifts at Yahoo! Shopping

[Non-text portions of this message have been removed]

# 4127. how to make a Computer Interfacing cable for TS-450 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-24 04:00:22 UTC
From: Matthew R. Smith
Topic: 4127  Message: 4127

hi all is it possible to make a Computer Interfacing cable for my
kenwood ts-450s ? also what is the best software?
thanks
matt smith
n1wjr

# 4128. Re: [TS-850_450_690] how to make a Computer Interfacing cable for TS-450 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-24 05:07:00 UTC
From: Bill Maddock
Topic: 4127  Message: 4128

Matt,

I built one of these for my 850S its cheap and works great - should be same
for TS-450S!

http://www.mods.dk/view.php?ArticleId=805

73 and Merry Christmas,

Bill N4ZI

"Matthew R. Smith" <n1wjr@...> wrote:
hi all is it possible to make a Computer Interfacing cable for my
kenwood ts-450s ? also what is the best software?
thanks
matt smith
n1wjr

THANKS FOR USING TS-850_450_690@...

SPONSORED LINKS
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---
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TS-850_450_690-unsubscribe@yahoogroups.com

Your use of Yahoo! Groups is subject to the Yahoo! Terms of Service.

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---
Yahoo! for Good - Make a difference this year.

[Non-text portions of this message have been removed]

# 4129. 450SAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-24 05:08:08 UTC
From: Tom Osborne
Topic: 4129  Message: 4129

HI All

My 450SAT which was working fine has gotten a glitch. The CAT no longer works. I thought it might be the cable so I got another one, but it is still doing the same thing. The computer won't communicate with the radio any more. Just started doing this all of a sudden out of the blue. Any ideas?

Thanks and Merry Christmas!!
Tom W7WHY

# 4130. Re: [TS-850_450_690] how to make a Computer Interfacing cable for TS-450 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-24 13:23:52 UTC
From: ve3wej
Topic: 4127  Message: 4130

As far as the software, that will depend on what are planning on doing while interfaced. most logging programs (larger ones) inteface to change the frequency on a dx spot.

Ham radio deluxe acts as a screen to manage memories (on computer) set the radio, and give you a visual display.

Any good search on the internet should have given you all this answers, but hard for me to tell without knowing what YOU wish to do with it.

interfaces vary in price and of course will depend on parts available in your area, cost to ship them, and whether you can find someone who has uilt , tested and has for sale.

again there are several on the internet search that show up. you have to select the right one

Ve3wej/Ve3ie
Dave Garber
----- Original Message -----
From: "Matthew R. Smith" <n1wjr@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Friday, December 23, 2005 11:00 PM
Subject: [TS-850_450_690] how to make a Computer Interfacing cable for TS-450 ?

> hi all is it possible to make a Computer Interfacing cable for my
> kenwood ts-450s ? also what is the best software?
> thanks
> matt smith
> n1wjr
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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> --
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.371 / Virus Database: 267.14.5/212 - Release Date: 23/12/2005
>
>

# 4131. Merry Christmas at all !!!

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-24 16:06:20 UTC
From: Allan
Topic: 4131  Message: 4131

Hi all,

I wish you and your family a Merry Christmas !!!

I really enjoy this list, all messages are very interesting, many thanks at all ...

Regards

Allan TOMIELLO - France

# 4132. Re: how to make a Computer Interfacing cable for TS-450 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-24 17:19:25 UTC
From: max_ve3tmt
Topic: 4127  Message: 4132

--- In TS-850_450_690@yahoogroups.com, "Matthew R. Smith" <n1wjr@y...>
wrote:
>
> hi all is it possible to make a Computer Interfacing cable for my
> kenwood ts-450s ? also what is the best software?
> thanks
> matt smith
> n1wjr
>

Matt,

There is a schematic for such an interface in the files section of this group. I have built 4 or 5 of these based on this schematic and never had a single issue with any of them. And I can confirm it works on the 450 just as nicely as the 850. My current 850 has the circuit installed in the radio and I replaced the exteranl tuner Molex connector with a DB9 to attach the serial cable to the computer. Works very nice! As for software, depending on the application I use many. I use MixW for PSK and SSTV, ACLog for logging and Ham Radio Deluxe for DXing.

73 and Merry Christmas (to all)

Max VE3TMT

# 4133. Re: how to make a Computer Interfacing cable for TS-450 ?

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-25 18:57:19 UTC
From: ve9xyz
Topic: 4127  Message: 4133

Hi Matt & merry Christmas:

I have a TS-450S as well and built an nice interface in October that is described well in the Files section - just click Files and look for Kenwood IF-232 Interface by VE9-XYZ. Good photos and schematic.

I liked this design as it was small, and still offred a separate ground for the PC and radio - something I felt was important. This design is a modified TK5EP design that uses opto-isolators to keep grounds separated.

For Software, I'm using AClog 2.8 for logging, Ham Radio Deluxe for control, and Kenwood Smart Memory Manager for management of the 450's mememory allocations. I'm planning to play with other software - do a search on this newsgroup back a month ago, asd I asked others to recommend software for my rig as well.

Good luck

kevin VE9-XYZ

"Matthew R. Smith" <n1wjr@y...> wrote:
>
> hi all is it possible to make a Computer Interfacing cable for my
> kenwood ts-450s ? also what is the best software?
> thanks
> matt smith
> n1wjr
>

# 4134. Re: 450SAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-25 19:09:56 UTC
From: L Nixon
Topic: 4129  Message: 4134

Just a thought, have you checked the computer side of things?

I've had problems occasionaly and then remembered "oh yeah, I changed
-----". Or I've upgraded/installed software which changed settings.

GL

# 4135. Re: [TS-850_450_690] Re: 450SAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-25 21:54:56 UTC
From: Tom Osborne
Topic: 4129  Message: 4135

Hi

Yep, tried a different comport and still did the same thing. I also have a Yaesu on CAT and it works fine on com1 where I had the 450 hooked up. Got a new microHam USB II for Christmas, so will hook that up and see what happens. Thanks and 73
Tom W7WHY

> Just a thought, have you checked the computer side of things?
>
> I've had problems occasionaly and then remembered "oh yeah, I changed
> -----". Or I've upgraded/installed software which changed settings.
>
> GL
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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# 4136. TS-850S & MC-60 Low ALC Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-26 17:13:12 UTC
From: Mark Saunders, KJ7BS
Topic: 4136  Message: 4136

I have the stock microphone for my TS-850S and have been using it since purchasing my rig back in 1995 with fair results. When I listen on the Monitor I hear a lot of noise from holding the mic and keeping the PTT engaged (popping and clicking). I decided to upgrade to a desk mic and purchased an MC-60. I've been less than satisfied with the MC-60 as I get virtually NO ALC deflection without the preamp in the MC-60 on.

I get about 75% ALC deflection with the mic gain at about 2 o'clock setting with the stock hand mic. However, when I use the MC-60 the mic gain is full clockwise and barely gets any ALC deflection with the pre amp off (one lighted ALC segment). The mic setting is for 500 ohms as the TS-850S has a low impedance mic input.

The MC-60 has good sound on the monitor setting (turned almost all the way up) and I would like to use the mic on the air, but it does not seem to deliver the necessary output. I would like to use the mic without the preamp until I really need it. The mic sounds like it has too low output.

Do I have unrealistic expectations from this mic or is this indicative of another problem? Any help is greatly appreciated.

Mark Saunders, KJ7BS

Glendale, AZ

[Non-text portions of this message have been removed]

# 4137. Re: [TS-850_450_690] TS-850S & MC-60 Low ALC Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-26 17:35:28 UTC
From: Lane Giard
Topic: 4136  Message: 4137

Where do you have the mic set.
50K or 500. It needs to be set to 500 and the pre amp on. This works best to me on my Kenwoods. I have many.
Lane N7ZXP

----- Original Message -----
From: "Mark Saunders, KJ7BS" <kj7bs@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, December 26, 2005 9:13 AM
Subject: [TS-850_450_690] TS-850S & MC-60 Low ALC Problem

>I have the stock microphone for my TS-850S and have been using it since
> purchasing my rig back in 1995 with fair results. When I listen on the
> Monitor I hear a lot of noise from holding the mic and keeping the PTT
> engaged (popping and clicking). I decided to upgrade to a desk mic and
> purchased an MC-60. I've been less than satisfied with the MC-60 as I get
> virtually NO ALC deflection without the preamp in the MC-60 on.
>
>
>
> I get about 75% ALC deflection with the mic gain at about 2 o'clock setting
> with the stock hand mic. However, when I use the MC-60 the mic gain is full
> clockwise and barely gets any ALC deflection with the pre amp off (one
> lighted ALC segment). The mic setting is for 500 ohms as the TS-850S has a
> low impedance mic input.
>
>
>
> The MC-60 has good sound on the monitor setting (turned almost all the way
> up) and I would like to use the mic on the air, but it does not seem to
> deliver the necessary output. I would like to use the mic without the
> preamp until I really need it. The mic sounds like it has too low output.
>
>
>
> Do I have unrealistic expectations from this mic or is this indicative of
> another problem? Any help is greatly appreciated.
>
>
>
> Mark Saunders, KJ7BS
>
> Glendale, AZ
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> [Non-text portions of this message have been removed]
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>
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

# 4138. dsp-100

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-26 18:14:01 UTC
From: Eric
Topic: 4138  Message: 4138

Tom, Paul, thanks for the reply to the dsp-100 question(s). I asked those questions to see what people see in the combo, or unit itself. I have a 850/dsp-100 and found dsp-100 to be a so-so item. It does quiet the receive and perform bandwidth filtering. As far as transmit audio quality I have received plenty of unsolicited reports using just the 850 and mc-60, so when adding the dsp unit, it is neglible. I am not a cw guy and really can;t give any feedback there. I will do some more comparisons and use with the unit, but who knows, there may be a dsp-100 for sale!

I also have an 870 and as far as dsp functions it is superior to the previously discussed combo. The filtering is awesome as is the beat cancel. Noise reduction sounds watery no matter how it is set (same as the ts-2000). I plan on keeping the 850 & 870.

Eric, kr9w

# 4139. RE: [TS-850_450_690] TS-850S & MC-60 Low ALC Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-26 18:26:49 UTC
From: Mark Saunders, KJ7BS
Topic: 4136  Message: 4139

The switch on the MC-60 is on 500 as the 850 requires a low impedance mic.

With the MC-60 preamp on the mic sound too hot at about 50% ALC deflection.
I'm wondering if there is a known ALC problem that may correct this. This
condition does not sound right to me.

Mark Saunders, KJ7BS
Glendale, AZ

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Lane Giard
Sent: Monday, December 26, 2005 10:35 AM
To: TS-850_450_690@yahoogroups.com
Subject: Re: [TS-850_450_690] TS-850S & MC-60 Low ALC Problem

Where do you have the mic set.
50K or 500. It needs to be set to 500 and the pre amp on. This works best to
me on my Kenwoods. I have many.
Lane N7ZXP

----- Original Message -----
From: "Mark Saunders, KJ7BS" <kj7bs@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Monday, December 26, 2005 9:13 AM
Subject: [TS-850_450_690] TS-850S & MC-60 Low ALC Problem

>I have the stock microphone for my TS-850S and have been using it since
> purchasing my rig back in 1995 with fair results. When I listen on the
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> engaged (popping and clicking). I decided to upgrade to a desk mic and
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> Mark Saunders, KJ7BS
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> Glendale, AZ
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> [Non-text portions of this message have been removed]
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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[Non-text portions of this message have been removed]

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 4140. Re: TS-850S & MC-60 Low ALC Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-26 20:49:38 UTC
From: Dave
Topic: 4136  Message: 4140

FYI on the ALC - I did some IMD measurements on several TS-850s. The correct setting for the ALC is, as you say, "virtually NO ALC". 75% is definitely too much. The guy you're in QSO with won't hear any distortion, but at 75% ALC, you're generating some broadband noise, up to +/- 50kHz from your main signal. Not individually a big problem, but collectively, everybody running their radios this way is why 20 meters has such a high background noise level.

I set the mic gain (or CAR level in CW) to the point where the ALC just barely moves, then back down a little.

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "Mark Saunders, KJ7BS" <kj7bs@c...> wrote:
>
> I have the stock microphone for my TS-850S and have been using it since
> purchasing my rig back in 1995 with fair results. When I listen on the
> Monitor I hear a lot of noise from holding the mic and keeping the PTT
> engaged (popping and clicking). I decided to upgrade to a desk mic and
> purchased an MC-60. I've been less than satisfied with the MC-60 as I get
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> preamp until I really need it. The mic sounds like it has too low output.
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> another problem? Any help is greatly appreciated.
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>
> Mark Saunders, KJ7BS
>
> Glendale, AZ
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> [Non-text portions of this message have been removed]
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# 4141. TS-850 ALC problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-27 17:58:03 UTC
From: merckxist
Topic: 4141  Message: 4141

I am having a problem with low/no ALC on 15 Meters.Initially, I noticed a sudden increase in TX power on 60M.I had the power out set at just below mid scale, and voice peaks on ALC were indicating 70-80W, instead of 50, as before.Checking on dummy load, on 60M and some of the other bands, it looked like max power was at about 120-130W.In the process of troubleshooting, I pulled the small ribbon cable out of the small board on the left side of the set, to get a better view of the DC-DC board, to see if there were any visible indications there.There were not, but when I powered up the set after putting everything back together, power out was back to normal.
I decided to go through all bands and check output power and ALC.All seemed to be ok, with the exception of 15M.In CW or FM, full power, full carrier, no ALC indicated.If power was reduced to about 8, on the scale, an ALC indication would start to show.At this time I tried adjusting VR7, 15M, FM mode.I found it very touchy.I was trying to see if I could get some ALC showing.I didn't have much luck with it, and tried doing the adjustment on 20M.I set power, FM, full power, full carrier, at about 90-95W.Back to 15M, now have about 4 dots showing on ALC, looks like about 90W out, ALC seems stable, not oscillating.On all other bands ALC is near full scale, with max carrier.
Further checking in SSB, advancing mic gain to about 1/3 scale gives normal ALC indication, all bands, except 15M.15M, no ALC at all, set at full power, even with mic gain at full clockwise.Reducing power to about 1/3, starts showing some ALC.Transmitting on dummy load, listening to monitor, I can hear TX audio start distorting at high mic gain settings, so it does not seem to be a problem there.Tx audio in the monitor sounds normal if mic gain is left in the same position as other bands.I can whistle up about 90W in SSB, so it looks like the set is putting out power, but no or low ALC just on 15M.This would seem to eliminate the DC/DC board, but...?This problem may have been in the 850 for a some time, since I havn't operated on 15M for a very long time.It does seem to me that 15M did work normally before.So, I'm open to constructive suggestions, if any one has had this problem before.

Al
KJ5GT
Albuquerque, NM

# 4142. RE: [TS-850_450_690] Re: TS-850S & MC-60 Low ALC Problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-28 01:14:25 UTC
From: Mark Saunders, KJ7BS
Topic: 4136  Message: 4142

EXCELLENT!

The CAR is at 11 O'clock and the PROC is at 9 O'clock when needed. Power indicates about 50 watts in USB, indicated on the 850s display (average power I believe), and sounds really good through the MONI function.

Thanks for the help. I've not operate much phones for the last few years because of the noise from holding and handling the stock hand microphone. The MC-60 will allow me to operate phones and not have that obnoxious noise on my signal.

After making these adjustments, I answered a CQ DX from PY2RDM Brazil without the COMP on.

Looks like I am in business again.

Mark Saunders, KJ7BS
Glendale, AZ

-----Original Message-----
From: TS-850_450_690@yahoogroups.com [mailto:TS-850_450_690@yahoogroups.com]
On Behalf Of Dave
Sent: Monday, December 26, 2005 1:50 PM
To: TS-850_450_690@yahoogroups.com
Subject: [TS-850_450_690] Re: TS-850S & MC-60 Low ALC Problem

FYI on the ALC - I did some IMD measurements on several TS-850s. The correct setting for the ALC is, as you say, "virtually NO ALC". 75% is definitely too much. The guy you're in QSO with won't hear any distortion, but at 75% ALC, you're generating some broadband noise, up to +/- 50kHz from your main signal. Not individually a big problem, but collectively, everybody running their radios this way is why 20 meters has such a high background noise level.

I set the mic gain (or CAR level in CW) to the point where the ALC just barely moves, then back down a little.

73,

Dave W8NF

--- In TS-850_450_690@yahoogroups.com, "Mark Saunders, KJ7BS"
<kj7bs@c...> wrote:
>
> I have the stock microphone for my TS-850S and have been using it since
> purchasing my rig back in 1995 with fair results. When I listen on the
> Monitor I hear a lot of noise from holding the mic and keeping the PTT
> engaged (popping and clicking). I decided to upgrade to a desk mic and

> purchased an MC-60. I've been less than satisfied with the MC-60 as
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> virtually NO ALC deflection without the preamp in the MC-60 on.
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> I get about 75% ALC deflection with the mic gain at about 2 o'clock
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> with the stock hand mic. However, when I use the MC-60 the mic gain
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> clockwise and barely gets any ALC deflection with the pre amp off (one
> lighted ALC segment). The mic setting is for 500 ohms as the
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> Do I have unrealistic expectations from this mic or is this
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> another problem? Any help is greatly appreciated.
>
>
>
> Mark Saunders, KJ7BS
>
> Glendale, AZ
>
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> [Non-text portions of this message have been removed]
>

THANKS FOR USING TS-850_450_690@...
Yahoo! Groups Links

# 4143. Re: ALC meter readings

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-29 22:54:48 UTC
From: max_ve3tmt
Topic: 4143  Message: 4143

Can someone give me a simplified answer as to what the correct ALC reading should be? I assume the red ALC scale on the 850 is there for a reason. Where should the meter deflect to fir proper ALC action, to the end of the red scale or no deflection at all? If I turn the mic gain down so there is no ALC indication during voice peaks, my average SSB output is very very low.

Max

# 4144. 850S/AT squealing tuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-30 06:19:02 UTC
From: Scarlett
Topic: 4144  Message: 4144

My not-so-often used 850S/AT is squealing mightily when I use the tuner. Sounds like simple lubrication will do the trick...is there a 'known' lube regimen or am I better off sending it to the shop? Or is it something else?
TIA,
Scott NX7U

# 4145. Happy New Year.

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-30 07:46:51 UTC
From: David Quental
Topic: 4145  Message: 4145

Hello to all.

A fine Happy New Year is all that I wish for every body.

Best 73s and till next time.

CT1DRB
David Quental

# 4146. Re: 850S/AT squealing tuner

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-30 15:43:12 UTC
From: max_ve3tmt
Topic: 4144  Message: 4146

--- In TS-850_450_690@yahoogroups.com, "Scarlett" <nx7u@c...> wrote:
>
> My not-so-often used 850S/AT is squealing mightily when I use the
> tuner. Sounds like simple lubrication will do the trick...is there a
> 'known' lube regimen or am I better off sending it to the shop? Or is
> it something else?
> TIA,
> Scott NX7U
>

Scott,

I used a product called Pro Lab PL100 Penetrating Lubricant. Just one of many available sprays on the market. I checked with the manufacturer and it also works good at cleaning potentiometers. My M.CH/VFO CH pot was skipping and it fixed it as well.

Other suggestions from the group?

Max VE3TMT

# 4147. I messed up my 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-30 17:26:26 UTC
From: Burt Fisher
Topic: 4147  Message: 4147

While operating it to a 922 amp, the amp arced and afterwords no signals could be received. I assume the RF input section is damaged. It puts OUT on the band is was on during the arc, but on some other bands no output and no signals anywhere.
I am technical but this is more than I can fix. Ideas for places to repair?
Burt K1OIK

Burt Fisher Teacher of video production, computer repair and networking
(Cape Cod)
http://home.comcast.net/~k1oik/ch/
http://hfradio.org/k1oik/mt/
If you had to identify, in one word, the reason why the human race has not achieved, and never will achieve, its full potential, that word would be "meetings."

_____
Yahoo! for Good - Make a difference this year.
http://brand.yahoo.com/cybergivingweek2005/

# 4148. Re: [TS-850_450_690] I messed up my 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-30 21:38:50 UTC
From: Scott Ingram
Topic: 4147  Message: 4148

Burt,

My father (WC7N) recommended Burghardt ( www.*burghardt*-amateur.com ) to me when he sent me his TS-450. I have used them and found them to be very reasonable. They do good work and are timely. The day they received my radio I received a call from the tech. That was a Friday, it was shipped back to me the following Tuesday and works great.

Good luck!
Scott KD5ZPX

On 12/30/05, Burt Fisher <burt@...> wrote:
> 
> 
> I am technical but this is more than I can fix. Ideas for places to
> repair?
> Burt K1OIK
> 
> Burt Fisher Teacher of video production, computer repair and
> networking
> (Cape Cod)
> http://home.comcast.net/~k1oik/ch/ <http://home.comcast.net/%7Ek1oik/ch/>
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> http://hfradio.org/k1oik/mt/
> If you had to identify, in one word, the reason why the human race has not
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> Yahoo! for Good - Make a difference this year.
> http://brand.yahoo.com/cybergivingweek2005/
> 
> 
> THANKS FOR USING TS-850_450_690@...
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> ------------------------------
> YAHOO! GROUPS LINKS
> 
> 
> - Visit your group "TS-850_450_690<http://groups.yahoo.com/group/TS-850_450_690>"
> on the web.
> 

> - To unsubscribe from this group, send an email to:
> TS-850_450_690-unsubscribe@yahoogroups.com<TS-850_450_690-unsubscribe@yahoogroups.com?subject=Unsubscribe>
>
> - Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> Service <http://docs.yahoo.com/info/terms/>.
>
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[Non-text portions of this message have been removed]

# 4149. Re: [TS-850_450_690] I messed up my 850

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-30 22:27:38 UTC
From: Burt Fisher
Topic: 4147  Message: 4149

I will keep your recommendation in mind.
I just may use it
Burt

--- Scott Ingram <kd5zpx@...> wrote:

> Burt,
>
> My father (WC7N) recommended Burghardt ( www.*burghardt*-amateur.com ) to
> me
> when he sent me his TS-450. I have used them and found them to be very
> reasonable. They do good work and are timely. The day they received my
> radio I received a call from the tech. That was a Friday, it was shipped
> back to me the following Tuesday and works great.
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> Good luck!
> Scott KD5ZPX
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> On 12/30/05, Burt Fisher <burt@...> wrote:
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> > I am technical but this is more than I can fix. Ideas for places to
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> > If you had to identify, in one word, the reason why the human race has
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> > http://brand.yahoo.com/cybergivingweek2005/
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> >

> > THANKS FOR USING TS-850_450_690@...
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> > ------------------------------
> > YAHOO! GROUPS LINKS
> >
> >
> > - Visit your group
> "TS-850_450_690<http://groups.yahoo.com/group/TS-850_450_690>"
> > on the web.
> >
> > - To unsubscribe from this group, send an email to:
> >
>
TS-850_450_690-unsubscribe@yahoogroups.com<TS-850_450_690-unsubscribe@yahoogroups.com?subj
ect=Unsubscribe>
> >
> > - Your use of Yahoo! Groups is subject to the Yahoo! Terms of
> > Service <http://docs.yahoo.com/info/terms/>.
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> [Non-text portions of this message have been removed]
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Burt Fisher Teacher of video production, computer repair and networking
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---
Yahoo! for Good - Make a difference this year.
http://brand.yahoo.com/cybergivingweek2005/

# 4150. Re: [TS-850_450_690] Re: 450SAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-31 03:22:00 UTC
From: ve3wej
Topic: 4129  Message: 4150

comports for kenwood should be 4800 8,n,2 as per manual...different from
yaesu.......
----- Original Message -----
From: "Tom Osborne" <w7why@...>
To: <TS-850_450_690@yahoogroups.com>
Sent: Sunday, December 25, 2005 4:54 PM
Subject: Re: [TS-850_450_690] Re: 450SAT problem

> Hi
>
> Yep, tried a different comport and still did the same thing. I also have
a
> Yaesu on CAT and it works fine on com1 where I had the 450 hooked up. Got
a
> new microHam USB II for Christmas, so will hook that up and see what
> happens. Thanks and 73
> Tom W7WHY
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> > Just a thought, have you checked the computer side of things?
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> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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> --
> No virus found in this incoming message.
> Checked by AVG Free Edition.
> Version: 7.1.371 / Virus Database: 267.14.7/214 - Release Date: 23/12/2005
>
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# 4151. Re: 450SAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-31 05:19:10 UTC
From: max_ve3tmt
Topic: 4129  Message: 4151

--- In TS-850_450_690@yahoogroups.com, "ve3wej" <ve3wej@c...> wrote:
>
> comports for kenwood should be 4800 8,n,2 as per manual...different from
> yaesu.......

I use 4800, 8, N, 1 in MixW. I think there may be different settings depending on the program.

Max

# 4152. Re: [TS-850_450_690] Re: 450SAT problem

Yahoo group: TS-850_450_690 (2001 — 2005)
Date: 2005-12-31 17:18:17 UTC
From: Tom Osborne
Topic: 4129  Message: 4152

Hi Max

Thanks for the info, but think it is a problem in the radio that is giving me grief. Guess I'll have to send it in and get it checked out. 73 and HNY Tom W7WHY

> 
> I use 4800, 8, N, 1 in MixW. I think there may be different settings
> depending on the program.
> 
> Max
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> 
> THANKS FOR USING TS-850_450_690@...
> Yahoo! Groups Links
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